



# 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/>

2008-7 (Nov-Dec)

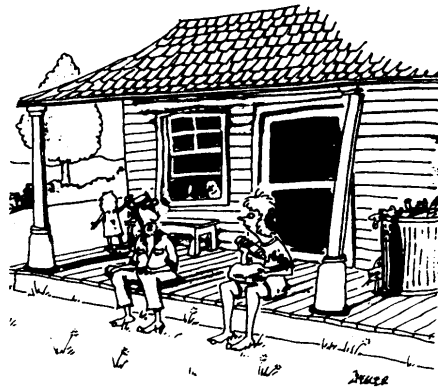


## PONDERINGS DEP'T

The contest season is winding "up." Maybe it's just me, but other than conflicts, it seems that either the days are shorter or the contests are closer together. I have been caught by surprise and managed to not fly very much.

But, don't let me be your excuse. The first indoor contest of the season is this coming Sunday in Colorado Springs (see flyer inside). There is a week off, then Thanksgiving, and then our Annual Meeting is December 6<sup>th</sup>.

Through whatever quirk of fate, timing of the Max-Out has been such that there are 3 belated contest reports inside and I just got a note with the contest results for November 2<sup>nd</sup>. Roland hasn't done the write up yet so I will wait until the "last" issue of the year for that one, along with the indoor contest and information on the annual meeting.



Ma.... where did all the leaves go that were on the trees? They were there just yesterday.

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 \$ to:  
**Chuck Etherington**  
 33946 Goldfinch Dr.  
 Elizabeth, CO 80107-7419

**MMM Club Officers and Contact List**

**President:**

Jerry Murphy 719-685-3766

**Vice President:**

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**Website Coordinator:**

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**Club Records Monitor:**

Dave Wineland 303-499-8566

**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>Nov 9</b>	<b>Indoor in the Springs</b>
<b>December 6</b>	<b>Annual meeting at Marc Sisk's house – BBQ lunch</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.*

## **PRESIDENT'S PONDERINGS**

Jerry Murphy

As I type this message to the MMM Club I have just learned that the white house will return to the Democrats. Congrats to president elect Obama. I doubt that this change in leadership will have any great impact on the MMM club, but one never knows what the future will bring. It was just a few months ago that the "experts" were telling us that gasoline would be approaching \$5/gallon by this time.

As the outdoor came to an end, we celebrated the many thermals and wind this year with our traditional Frito Pie. This Texas treat picked up a Colorado flavor with the outstanding chilly made buy Darold Jones. It was a big step up from the canned chilly that Don and I usually provide.

There was some good flying in the wind to end the season.

## **Edwards FF Base for 2009**

Well enough of this. Here is the big news for the MMM club. We have signed a 12-month lease with the Edwards family for the Edwards FF base for 2009. Shortly after signing the lease the lock on the gate was cut and as a result Mr. Edwards has said that outside of his ranching operations, the MMM members (and SAM-1) are the ONLY people allowed on the field. He has told his step-son that the shooters are not to be on the field until such a time as they can present themselves as an organization like the MMM and provide the Edwards family with insurance protection. So, what does this mean for us?

If you are on the field and encounter anybody else out there call either Don or myself at once. Do not attempt to evict them or engage them in any discussion. Get their license plate number if you can, but avoid direct contact. They do have guns.

Do not give the gate combination out to ANYBODY who you cannot identify as a MMM or SAM-1 club member. If you encounter somebody at the gate asking for the combination tell them to contact the Edwards family as we are not allowed to give it out to anybody outside of our club.

There will be a new lock on the gate by the time you receive this news letter and the new combination will be the same as the Lowry site.

Please pick up any trash you find, even if it is not of our making.

Enjoy the field and have fun out there.

## **2008 Annual Meeting - Saturday December 6, 2008**

It is official, with the response of the club the annual meeting will be held in Marc Sisk's shop on , and what a shop it is. Marc's address is:

***17427 Cabin Hill Lane, Colorado Springs, CO 80908***

The meeting will start promptly at 1 PM following a social hour. With a little bit of luck we should be able to complete the business meeting in about 90 minutes. We will have a program following the business meeting. Now, comes the hard part. If you wish to take part in a BBQ lunch before the meeting please RSVP by Sunday November 30. There is a great BBQ place nearby that Don, Marc, and I like and they can provide a great lunch for no more than \$10 each. As usual, the club will furnish the drinks. We will publish a map to Marc's home in the next newsletter. As I said last issue Marc's home is approximately 6 miles east of I25 at exit 161. Exit 161 is the Monument exit and is located about 32 miles south of E470. With gas prices falling near \$2.00/gallon the drive will not be a big expense. Call around other club members and get up a car pool.

## Outdoor Season is Over and Indoor is Here

Sunday November 9 marks the launch of our indoor season. Once again we will be flying in the Colorado Springs City Auditorium. If you haven't flown in this site you are missing a good time. It is likely one of the top sites within a 500-mile radius. It is ours to enjoy, so clean up your indoor ships, or just come out and time and enjoy the fun of indoor competition.

As you likely have been seeing on the news governments at all levels are feeling the impact of the slowing economy on their budgets. Colorado Springs is no exception and the city government is looking for ways to cut costs and increase income in the face of falling sales tax income. Several MMM members attended a city council meeting to present our case for keeping this site open. We received a warm reception to our case.

That is it for now. See you all Sunday for the indoor meet and again in December for the annual meeting.

Thermals, Murph

### September 8, 2008 MMM Monthly

CD: Jackson Ivey

The day started out pretty ice. There was an enormous amount of activity over in the glider "Bull-s-Pen." The morning cloud cover eventually broke up and the afternoon turned into a very nice free flight day.

The highlight of the day was to observe Bobby Hanford methodically posting great times in so many classes. This being topped off with a championship practice routine by none other than Pete McQuade. So, I would say we had a wonderful day of flying and camaraderie on our lovely field.

#### **AMA Gas Combo**

Contestant Name	Event flown	Time
Bob Hanford	CD Classic	510
Bob Hanford	1/2A Classic	463

#### **SLOP/Nostalgia Gas Combo**

Contestant Name	Event flown	Time
Bob Hanford	A Nos	445
Bob Hanford	B Nos	403
Bob Hanford	1/4A Nos	318
Bob Hanford	Early 1/2A Nos	297
Bob Hanford	1/2A Nos	201

#### **3 Minute Rubber**

Contestant Name	Event flown	Time
Don DeLoach	Mulvihill	234

#### **CLG**

Contestant Name	Time
Mark Covington	275
Don DeLoach	270
Todd Reynolds	220
Neil Myers	170
Marc Sisk	138

#### **HLG**

Contestant Name	Time
Todd Reynolds	325
Mark Covington	290
Randy Reynolds	236
Don DeLoach	171
Neil Myers	153

#### **Classic Towline \* FEATURE EVENT \***

Contestant Name	Time
Todd Reynolds	345
Mark Covington	326
Randy Reynolds	243
Jack Ivey	218
Richard Boyd	41

**August 10, 2008 - MMM Monthly**

Randy Reynolds, CD

The weather for this contest was very good with some periods of breeze alternating with some monster lift. I want to take credit for this as it was the first time I didn't start going to all the weather forecast website starting on Thursday before the event. A watched pot never boils as the saying goes.

We only had 8 contestants but those who showed up experienced some of the best flying of the year. The special event was Gollywock and the winner was Duane Hjerleid. Duane won the Campbell William's Moffet short kit and plans for his efforts.

The undersigned was starting to trim out his new Gollywock and finally on its last flight it climbed out like a good Gollywock should. I am always gratified by how well this 70 year-old design goes up with such enthusiasm and purpose. I managed to get the Gollywock into a big boomer and within 2 minutes the little ship was going in and out of eyesight almost directly overhead. With binoculars I was able to keep it in sight for about 10 minutes while Don and Todd gave chase with Tracker in hand. Fortunately gravity won and the Golly was found about 2 miles away. The tracker was the only reason they found the ship as it DT'd in a different direction than eyesight would indicate. This is a 110 gram airplane that flew for at least 10 minutes under full DT. Whew!

The rest of the contest was taken up with trimming airplanes and featured Roland Solomon working out his flight time requirements for the FAI finals. Pete McQuade is very happy with his new F1A, which has been two years in the building. He hung around until late in the day to get more trim flights in but unfortunately the sky clouded over and we had wind and rain get in the way. In HLG Mel Gray used his Meerkat to show the way with a fine max out even though he was tinkering with launch techniques. In spite of all that Mel showed that he still could pick air, which is most important in the little glider events.

Don DeLoach and Mark Covington attended the contest in spite of arriving from the NATS the evening before.....lots of energy those two!

Randy Reynolds, Contest Director/Meteorologist

**Gollywock - \* FEATURE EVENT \***

Contestant Name	Time
Duane Hjerleid	505
Don DeLoach	484
Al Juhasz	375
Randy Reynolds	252

**FAI 3 Minute Combo** (*eligible events: F1A, F1B, F1C, F1P*)

Contestant Name	Event flown	Time
Roland Solomon	F1C	348

**CLG**

Contestant Name	Time
Don DeLoach	121
Todd Reynolds	95
Randy Reynolds	62

**HLG**

Contestant Name	Time
Mel Gray	412
Mark Covington	340
Todd Reynolds	336

**Classic Towline**

Contestant Name	Time
Todd Reynolds	453

## October 19, 2008 - MMM Monthly

CD Dave Wineland

The day was looking pretty grim all through the morning with 15 mph + winds. This didn't stop Bobby Hanford who drove from Oklahoma to gain National Cup points. I timed a few flights for him in the morning, and to give an idea, he was past the hill on the horizon just to the east of the missile silo in about 1 ½ minutes.

Then a miracle happened around 1:00 - it became very calm for the rest of the day except a slight breeze towards the end. This brought out nearly all of the flyers that hadn't left early and flying was very nice. Bobby took home the special event "Gas Attack" prize – a Satellite short kit. He did this with 4 maxes flying a Lucky Lindy in A nostalgia. Long strings of maxes were also put in by Mark Covington and Todd Reynolds in HLG, aided by the decision to cut maxes to 60 s because of the morning winds. Let's keep our fingers crossed for the last outdoor meet coming up; we're due for good weather after having quite a few windy days this year.

Dave Wineland

### **AMA Gas Combo** (eligible events: ½A, A/B, C/D, ½A Classic, A/B Classic, C/D Classic)

Contestant Name	Event flown	Time	# Maxes
Bob Hanford	AMA C/D	654	3
Bob Hanford	C/D classic	478	1
Don Deloach	AMA 1/2A	328	1
Don Deloach	1/2A Classic	281	1
D. Wineland	AMA C/D	120	0

### **SLOP/Nostalgia Gas Combo**

Contestant Name	Event flown	Time	# Maxes
Bob Hanford	A Nos	720	4
Don Deloach	SLOP	540	3
Bob Hanford	Early 1/2A	396	0

### **CLG**

Contestant Name	Time
Neil Myers	174
Darold Jones	90
(note: 60s max)	

### **HLG**

Contestant Name	Time
Mark Covington	480
Todd Reynolds	403
Neil Myers	124
Don Deloach	117
(note: 60 s max)	

### **Classic Towline**

Contestant Name	Time
Don Deloach	337

**Bobby Hanford getting his "Prize" of a Sattelite 1000 short kit**



**Nov. 2, 2008 - MMM Monthly**

CD: Roland Solomon

Our November contest was visited once again by our old friend, the wind. Perhaps the blow-hard politicians, hungry for power, had some influence on this inclemency. If so, we may have 3 or more years of temperate weather in store. Undaunted by these chill breezes, our stalwarts provided a most wonderful hot lunch of "Frito Chili" for all. Darrel and his other brother Darrel did the cooking and preparations. It was great! The flying was mostly Discus Launched Gliders, with Mark and Neil showing us all how its done. Chuck and I tuned our engines to supersonic speeds and managed a few test-hops. Jerry showed that a T.D. 09 can out-climb an F1C and half the club mobilized to try and find his Pilfered Pearl. Gail had his RC Piper Cub fly out of range, and was able to retrieve it with the help of a nice girl from the hunt club. All in all it was a very nice contest. Not much flying, but a lot of camaraderie.

2 Minute Combo)

Contestant Name	Event flown	Time
Don DeLoach	P-30	306
Darold Jones	P-30	247

SLOP/Nostalgia Gas Combo

Contestant Name	Event flown	Time
Jerry Murphy	SLOP	260
Ray Boyd	SLOP	158

Classic Towline

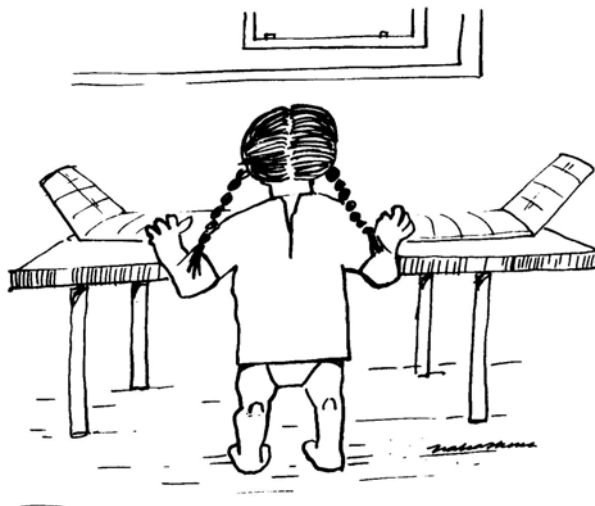
Contestant Name	Time
Rob Romash	315
Don DeLoach	200

CLG

Contestant Name	Time
Neil Myers	252
Rob Romash	225
Don DeLoach	181
Mark Covington	158

HLG

Contestant Name	Time
Mark Covington	297
Rob Romash	179
Neil Myers	174



**S. Hayashi....**

Cassidy Pangell, the early years.....

## **2009 SYMPO EDITOR! - John Lorbiecki**

I have been given the honor of editing the 2009 Sympo for NFFS. It is because of our membership and others that we (NFFS) has been able to provide a quality, informative addition every year. As times and technology changes, this book needs to change with it. The transferring of this info provides modelers world wide with a text that will improve their skills and capabilities, making Free Flight a better place to play.

So, with this in mind, what can you do to help us out? Come up with ideas, write them in a concise form, and author an article. Not a great writer, but have an excellent idea? Feel free to write and we can help you. Many folks have provided very interesting articles on very simplistic themes.

As always, we are looking for cutting edge info. However, with the changing times, Free Flight needs to change with it. Look into your crystal ball and help improve the sport.

Just because you "only" fly AMA events, don't be left out. Concepts and trends in AMA need to be documented and now is your time to do it. There have been articles on Scale and Electric that have been of interest to the organization. Also, how about Discus glider, or one of the many AMA rubber events? I would love to see more engine related articles as well as props, fuel, fuel systems, timers, and other mechanisms (folders, flappers, swing wings, rubber front ends, etc.). We could also use an article on, possibly, where towline gliders have gone from, where they are now, and what happens in the future (Gil Morris actually stated in one of his Sympo articles that flappers would be used in F1A- again, ahead of his time!).

I am particularly looking for insightful articles on FF present and where it could go in the future. What do we as enthusiasts need to do to perpetuate it. I would love to see articles on both what has been done for juniors and for us "old" folks. Or, how about inventive ways of getting (and holding) new flying sites.

Also, I am looking for high quality photos and artwork. Before sending these, they do need to meet certain quality requirements- They do need

to be high resolution, with the subject face first and something that will be of interest to all.

So, I am looking forward to comments and maybe you can be a world famous author! If you have others in your club that may help out, please provide this info to them. My list here is small, but hopefully it will spur some interest.

Feel free to contact me about any questions you have...

Thanks for your participation!

John Lorbiecki  
lorbieckie@sbcglobal.net  
262-628-4296

## **TD .020 MESSIAH DEP'T**

Extracted from "The Winding Stooage," Hank Sperzel, ed. And email from Don DeLoach

Bob Mattes, 190 Hunters Pointe Dr., St. Charles MO 63304, has developed a head for the TD .020. this may not bode well for all the ebay scalpers. Bob's head is similar to the Galbreath TD .049 head. It adapts a Nelson Flat Coil p-lug, and comes with all that is needed for the plug too.

His website: [www.flyfreeflight.com](http://www.flyfreeflight.com).

Email: [bobmattes@charter.net](mailto:bobmattes@charter.net)

Here is some of the information posted on his site care and feeding of various engines. For example he recommends only 15% nitro in most Nos engines (and 25% total oil). Only "structurally strong" engines can handle higher nitro.

**Nelson Plugs** - If you get a Nelson head for one of your engines you will obviously need some Nelson plugs. The are two sources that I use.

Doug Galbreath at <http://www.the-printer.net/DookCat.html>

has Nelson heavy duty plugs and other items for Free Flight. Kitting It Together at <http://kittingittogether.com/> also has the Nelson heavy duty plugs as well as the "Hot" or standard Nelson plugs and the flat coil Nelson plugs. Personally I only use the heavy-duty vertical plugs and the standard duty flat coil plugs. Older versions of the vertical coil heavy-duty plugs have a little notch as shown in corner of the hex of the plug as compared to no notch for the standard Nelson plug. New stock has a glass/epoxy seal and no notches. For the Cox 049 engines and the Holland Hornet Nelson heads can

be economically obtained from Doug Galbreath. For most other engines I will gladly custom make a Nelson head to fit.

**Plug Torque** - Don't go crazy with the torque you apply to the Nelson plug. 36 in-lb is plenty and do not torque while the engine is hot unless the lift is blowing through. It is a good idea to get a torque screwdriver and use it for torquing head screws as well as the plugs. You usually can get a Utica TS-35 Torque screwdriver on eBay for about \$50 or less. Retail is almost \$300.00.

**Bladders** – A really neat bladder is something called “The Little Red Cap”. It looks like a condom for a Gerbil and provides a pressure level that is lower than that of a pacifier but higher than for a penny balloon. The lower pressure level makes many of the original needle valve assemblies work just fine and needle adjustment is very easy. It can be cut off slightly longer than any of the various smaller diameter sections and used for engines from 0.020 to the largest you have. If you mount it externally, where the sun can do it's thing, you should protect it with a penny balloon. The Little Red Cap web site is <http://www.littleredcap.com/> along with a list of retailers. Cost is extremely reasonable from Rockler Woodworking at \$5 for 35 caps. Their web site is <http://www.rockler.com/product.cfm?page=5685&filter=little%20red%20cap>. Ace Hardware sometimes has them but they charge way more. I have been using the same bladder on my test stand and they last for many runs. It was discovered by Dick Covalt and we have been using it for three years with excellent results. We don't win more contests but our engines are happy.

### **EDWARDS FF BASE – 2009 !!**

Great News!!!! Jerry and Don met with the Edwards' and we have a new 12 month lease. They are very happy with us and are comfortable with our relationship.

The lease has been renewed for 11/1/08 through 10/31/09.

One thing Harley requested is that we take an active role in trying to keep the Bradley and Drennan Road corridors free of trash. To this end he suggested the we call El Paso County dispatch

anytime we see trash left on the roadside. So please jot down these numbers and keep them handy:  
719-520-6830 and 719-520-6891.

There was some discussion about asking for donations from club members who use the field often--say \$25 or so per person. That would help to not burden the entire club for something that only a few of us use.

Thanks to Jerry and Don !!!

As you have heard the Colorado Springs government is looking for places to cut the budget in light of falling sales tax income and decreasing property taxes. The City Council held a public input session last night, Thursday 10/30 and we were able to make our case for model aviation in the City Auditorium. I want to thank the MMM members who came to show support for our cause. Please forgive me if I missed somebody as the hall was standing room only. As they say in Dancing with the Stars, in no particular order Mark Covington, Don DeLoach, Chuck Etherington, Neil Myers, Randy Reynolds, Todd Reynolds, and Rob Romash. In addition Frank Deis of the PPSS club attended and John McGrath of the sport flyers group also spoke. Both Rob and I spoke to the council and in addition I was able to spend some time with Paul Butcher, director of COS Park and Rec. He told me that he was not planning on any major cost increases for non-profits like us.

John presented the sport flyers case with an emphasis on the Wright Stuff program while I presented our case with the benefit to the council that we draw flyers from across the front range and out of state for our championship meet which has a positive impact on sales tax revenue. I gave each council member a flyer for our November 9 session.

I learned a lot about how to deal with government bodies like this from this session. In the future we will be better organized with a group of speakers all making one point and then a last speaker that summarizes all the previous presentations.

Again thanks for the super show of support. There is no wonder the MMM club is tops with dedicated members like we have.

**MMM Annual Points**  
2008 Through October Contest

<b>Indoor</b>		<b>Outdoor</b>		<b>Overall</b>	<b>Points</b>	<b>Total</b>	<b>Contests</b>
						<b>Maxes</b>	<b>Entered</b>
<b>Rubber</b>		<b>Rubber</b>		<b>Overall</b>			
Bill Leppard	27	Don DeLoach	66	Don DeLoach	196	29	9
Rob Romash	24	Mark Sisk	49	Todd Reynolds	109	24	9
Don DeLoach	21	Jerry Murphy	33	Mark Covington	82	15	9
Jerry Murphy	10	Randy Reynolds	16	Mark Sisk	80	24	5
Chuck Etherington	4	Darold Jones	12	Randy Reynolds	71	20	6
Rolf Christopherson	4	Duane Hjerleid	7	Mel Gray	68	15	4
Frank Deis	3	Rob Romash	5	Rob Romash	57	6	4
Monte Peecher	3	Al Yuhasz	3	Jerry Murphy	44	8	6
Steve Smith	3	Mel Gray	3	Neil Myers	38	6	8
Todd Reynolds	3	Neil Myers	3	Chuck Etherington	32	14	4
Doug Myers	2	Rick Pangell	2	Raymond Boyd	28	1	3
Eric Monda	2	Todd Reynolds	2	Roland Solomon	28	12	3
John McGrath	2			Bill Leppard	27		2
Neil Myers	1	<b>Glider</b>		Darold Jones	26	2	5
Tom Norell	1	Todd Reynolds	93	Bill Lovins	20	9	2
		Mark Covington	73	Dave Wineland	20	8	2
<b>Glider</b>		Mel Gray	65	Pete McQuade	18	8	2
Rob Romash	27	Don DeLoach	58	Troy King	17	2	5
Don DeLoach	15	Randy Reynolds	55	Sam Jones	15	2	1
Raymond Boyd	13	Neil Myers	32	Rick Pangell	12		2
Todd Reynolds	11	Mark Sisk	29	Stephen Boyd	11		4
Bob Miller	9	Pete McQuade	18	Bob Miller	9		1
Mark Covington	9	Raymond Boyd	15	Duane Hjerleid	7	2	1
Stephen Boyd	6	Sam Jones	15	Ellen Major	7	1	1
Steven VonMaltitz	4	Darold Jones	14	Mathew Boyd	4		2
Mathew Boyd	3	Troy King	10	Rolf Christopherson	4		1
Ray Boyd Jr.	3	Rick Pangell	8	Steven VonMaltitz	4		1
Bill Leppard	2	Ellen Major	7	Al Yuhasz	3	1	1
Jack Dech	2	Stephen Boyd	5	Frank Deis	3		1
Neil Myers	2	Jack Ivey	2	Monte Peecher	3		1
Willie Rosello	2	Roland Solomon	2	Ray Boyd Jr.	3		1
Debbie VonMaltitz	1	Billy Major	1	Steve Smith	3		1
Ian VonMaltitz	1	Mathew Boyd	1	Doug Myers	2		1
		Richard Boyd	1	Eric Monda	2		1
<b>Notes:</b>		Rob Romash	1	Jack Dech	2		1
HLG is indoor and outdoor combined				Jack Ivey	2	1	1
		<b>Gas</b>		John McGrath	2		1
<b>Junior</b>		Don DeLoach	36	Willie Rosello	2		1
Raymond Boyd	23	Chuck Etherington	28	Billy Major	1		1
Stephen Boyd	10	Roland Solomon	26	Debbie VonMaltitz	1		1
Ellen Major	7	Bill Lovins	20	Fred Carstens	1		1
Mathew Boyd	4	Dave Wineland	20	Ian VonMaltitz	1		1
Steven VonMaltitz	4	Troy King	7	Tom Norell	1		1
Doug Myers	2	Mark Sisk	2				
Willie Rosello	2	Rick Pangell	2				
Billy Major	1	Fred Carstens	1				
Debbie VonMaltitz	1	Jerry Murphy	1				
		<b>HLG</b>					
		Todd Reynolds	61				
		Mark Covington	45				
		Randy Reynolds	29				
		Mel Gray	27				
		Neil Myers	16				
		Raymond Boyd	15				
		Don DeLoach	8				
		Rob Romash	8				
		Stephen Boyd	8				
		Mathew Boyd	4				
		Steven VonMaltitz	4				
		Ray Boyd Jr.	3				
		Willie Rosello	2				
		Bob Miller	1				
		Debbie VonMaltitz	1				
		Ian VonMaltitz	1				
		Jack Dech	1				

# Indoor Free Flight!

With the Magnificent Mountain Men

Sunday November 9th, 2008

Flying site is the historic Colorado Springs  
City Auditorium, downtown, corner of  
Weber and Kiowa Streets – 37 ft. ceiling

## Contest Directors

Don DeLoach – 719-964-7117 - [ddeloach@comcast.net](mailto:ddeloach@comcast.net)

Rob Romash - 719-359-6999 - [cgrain1@yahoo.com](mailto:cgrain1@yahoo.com)

**Flying Hours: 9:00 AM to 5:00 PM**

**(practice & fun flying during the contest is allowed  
but contest flights have right-of-way)**

Events: all Junior-Senior-Open combined unless otherwise noted. Note the launch windows—these times will be strictly enforced\*

### Launch Window

### Events

9:00 AM – 11:30 AM

#### **GLIDERS ONLY**

Hand Launched Glider (J) (SO)  
Unlimited Catapult Glider (J) (SO)  
Standard Catapult Glider (J) (SO)

11:30 AM – 2:30 PM

#### **HEAVYWEIGHTS (model s heavier than 2 grams) (LIGHTWEIGHTS at your own risk)**

FAC Peanut Scale, FAC No-Cal Scale, WWII No-Cal Mass Launch (1:00 PM)\*\* , P-24, Bostonian 7 gram, Junior Rubber (J) \*\*\*, Limited Pennyplane, Open Pennyplane/F1M combined.

2:30 PM – 5:00 PM

#### **LIGHTWEIGHTS ONLY (models not heavier than 2 grams)** FIL, Easy B, Ministick, A-6.

\* CDs may adjust window start/end times based on demand \*\* 6.2 gram minimum weight w/o rubber; 7" max prop diameter; must carry WWII color and markings and follow FAC rules for WWII combat \*\*\*Any rubber powered model, Juniors only (15 and under)

### **Important Information:**

- AMA license required
- NFFS National Cup points awarded at this meet: LPP, Ministick, F1L, SCLG, UCLG, HLG
- Link to AMA rules: <http://www.modelaircraft.org/templates/ama/PDF-files/Rulebook/indorff.pdf>
- Link to FAC rules: <http://www.theplanpage.com/things/FAC%202008%20Rules.pdf>
- Entry fees: Open: \$15 - unlimited events. Jr./Sr. \$5 - unlimited events
- Awards: MMM season points, bragging rights, maybe some merchandise!
- Sorry, no RC flying
- Tables and chairs provided on site

FIRST CLASS



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



6994 So. Prescott St.  
Littleton, Colorado  
80120

**The Magnificent  
Mountain Men**



**FREE FLIGHT WITH AN ALTITUDE!**

**UPCOMING EVENTS**

<i>DATE</i>	<i>EVENT</i>	<i>FEATURE EVENT</i>
<i>November 9<sup>th</sup></i>	<i>MMM Indoor</i>	<i>Col o Spgs Audi tori um</i>
<i>December 6<sup>th</sup></i>	<i>Annual Meeting</i>	<i>BBQ Di nner</i>