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

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http://groups.yahoo.com/group/MMMFreeFlight/

2007-6 (Oct-Nov)



PONDERINGS DEP'T

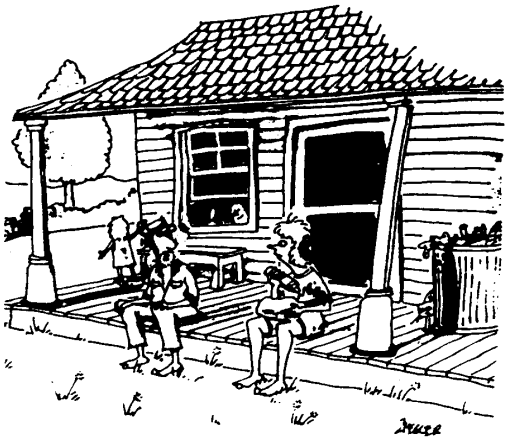
OK…it's been a long weekend. The RMC's were at the least….spectacular! For those of you in the hinterland (outside of Colorado) who showed up, glad you could make it and now you know what we are talking about. It doesn't get any better than this.

The good news is each time we have a contest more people come out of the woodwork and want to do something better! The BBQ banquet, Ruckus in the Rockies at the RMC's, the FAC Rocky Moountain Scramble bash, and the upcoming "Gas Attack" by Dave Wineland at the October contest..boy are we having fun!

Top all that off with a special award from the AMA on our 50th anniversary as a charter club. And, we are just getting better!

And…many special thanks to our own in-house graphics guy Steve Jones. He did the wonderful graphics for our 50th, the continuing effort on the RMC's and now the new NFFS 40th T-shirts. I don't want to forget the most photographed member of the club either…..Don.

Thermals!, or heat from the lights, or whatever… Rick



Ma….. Dave said he'z havin' a "Gas Attack" at the next contest. Can I git some of that stuff you use fer junior and bring it fer 'em?

"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:

Pete McQuade 719-522-1239

Vice President:

Mel Gray 720-851-9498

Vice Presidents At Large:

Paul Andrade 303-791-4116
Don DeLoach 719-578-1197
Jack Ivey 719-635-0944
Steve Jones 303-477-0899
Randy Reynolds 719-599-8761

Treasurer:

Chuck Etherington 303-646-3705

Indoor Coordinator:

Don DeLoach 719-578-1197

Website Coordinator:

Rick Pangell 303-798-2188

Club Records Monitor:

Dave Wineland 303-499-8566

Flying Site Oversight:

Art Hillis 303-627-2802

Newsletter & Other Stuff:

Rick Pangell 303-798-2188

Flying Field Weather Line: 303-766-0020

NEAR TERM EVENTS:

MMM MTG!	**Every Third Tuesday at 7:00 PM, Dinner at the Castle Cafe in Castle Rock.**
Wings Over the Rockies Indoor 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 Al Yuhasz at al-yuhasz@worldnet.att.net to receive notice by E-Mail.
OCTOBER 21	**MMM "Gas Attack"**
NOVEMBER 4	**MMM Monthly**
NOVEMBER 18 (Tentative)	**INDOOR IN THE SPRINGS**

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.

MMM Decals!
Self adhesive, black on thin, clear mylar

Prices: (shipping not included)
$2 per sheet (5 assorted sizes per sheet)
3 sheets for $5 -- save 17%
15 sheets for $20 -- save 33%
Contact the Editor

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

HAPPY 50th FROM THE AMA DEP'T

The MMM club leadership council was recently approached by AMA's District IX Vice President, Mark Smith and the district's Associate VP for Colorado, Jim Wallen, inviting us to meet with them to mark the MMM's 50th birthday. On Saturday, Sept 8, we gathered for a wonderful evening at the Perfect Landing Restaurant at Centennial Airport.

We were graced by the company of Mark's and Jim's wives, Ruth and Sue, as well as the MMM's own Kathy Murphy, Karen Gray, Sue Etherington, Cindy Pangell, and my date, my daughter Linda. Mark and Jim graciously noted the significance of the MMM's golden anniversary and the prominence our club now holds in the aeromodeling community. They presented the club with a beautiful engraved plaque that I'll be bringing to the next several contests and to the Annual Meeting. We thanked them and AMA for their great support of our activities. Then Mel Gray presented Mark and Jim with official Rocky Mtn Champs tee-shirts and Chuck Etherington gave them color prints of the 2007 FAI Annual group photo. Jerry Murphy and Rick Pangell rounded out the official MMM entourage. Look for a picture of that unforgettable evening event in the District IX section of an upcoming issue of Model Aviation magazine.

A picture is later in this issue.

MMM 42nd Annual
Rocky Mountain Champs Contest Results

Wow, don't quite know how to describe the event in such a small newsletter….so…..

Don DeLoach, Jerry Murphy and first time contestant, Pete Reinhart are collaborating on a whiz bang report to be in the *NFFS DIGEST* November issue.

A big write up and many pictures. We want to share all of the fun and excitement we have here with all NFFS members.

THANKS DEP'T

With the growth of the MMM Club comes the need to do some things differently. Nowhere is this more evident than in the running of the major contests. No longer are one or two CDs able to do all the contest preparation, run the contest while competing, and then do all the necessary post-contest reports and forms. More and more these contests are becoming a group effort, requiring volunteers in many different capacities. I want to formally say thanks to all who helped with the Rocky Mountain Champs and attempt here to acknowledge some of the names. Please forgive me if I have overlooked someone.

Don DeLoach and Jerry Murphy – CDs (performing all the work that goes into planning and executing a big contest like this).
Cindy DeLoach - running the score-table all day Sunday and Monday,
Darold Jones, Bill Lovins, Steve Jones, Mel Gray, Rick Pangell and Dick Wood - running the score-table and performing other miscellaneous tasks.
Steve Jones – RMC flyer and T-shirt design.
Jerry Murphy, Darold Jones and Duane Hjerleid – Organizing and buying the food and ice for the on-field food service, cooking on Sunday and cooking/running the food service on Monday.
Carol Sisk - baking cookies and a birthday cake for Willard Smitz,
Marc Sisk - passing around Carol's home-baked cookies on Saturday.
Jeff Pakiz - bringing doughnuts each day.
The VanLandinghams and others – offering up brownies and other treats throughout the weekend.
Lee Hines - donating a cold watermelon which we all enjoyed after Sunday's flying.
Mel Gray, Rick Pangell, Mark Covington, Lee Hines, Neil Myers and Darold Jones - breaking down camp,
Duane Hjerleid - taking Pete to the Hospital on Saturday,
Herb Kothe, Randy Reynolds - launch directors for the FAC Mass Launches.
Steve Riley - donating a pile of Jimmie Allen 1930's maps for all the JA flyers, and a framed P-38 photo for the winner.
Rio Grande Squadron FAC (Albuquerque) - donating hundreds of old model magazines which were given out at the banquet.

That's what makes big contests work. Thanks everyone!!

"The CD's"

Official Results

Magnificent Mountain Men
42nd Rocky Mountain Free Flight Champs

September 1-3, 2007 Denver, Colorado
CDs: Don DeLoach & Jerry Murphy

55 contestants! including 5 juniors (most ever—up 31% from last year!)
11 states represented: CO, AZ, KS, TX, OK, CA, LA, NM, WY, UT, CT

Category Champions

***Grand Champion** (1 rub., 1 gas, 1 glider, 2 of any)*
Larry Kruse

Glider Champion
Lee Hines

Rubber Champion
Herb Kothe

Gas Champion
Bob Hanford

Perpetual Trophies

Grand Champion	**Larry Kruse**
McGhee Gas Memorial (Gas)	**Bob Hanford**
Gibbons Memorial (Rubber)	**Herb Kothe**
Ed Collins Memorial (Glider)	**Lee Hines**
DesJardins Nordic Memorial	**Lee Hines**
Gollywock Champion	**Don DeLoach**
Wakefield Champion	**Ed Vanlandingham**
Rubber Scale Champion	**Don DeLoach**
Mulvihill Champion	**Jim O'Reilly**



Grant Carson of Gainsville, TX is MMM's newest member! Before he even arrived at his first RMC he sent in his membership check, wanting to show support for our great field and club. ***Yes, the MMM club IS fun...***



Larry Kruse and his NOS Hustler. Larry seems to build everything and is a great flyer. His scores prove it (he's a great event picker too)!

RMC INDIVIDUAL EVENTS RESULTS:

P-30

R.P. Hanford	360+150	510
Grant Carson		344
Larry Kruse		343*
Marc Sisk		343*
Rick Pangell		336
Jim O'Reilly		326
Darold Jones		316
Pete Reinhart		310
Jerry Murphy		94

*3rd place tie settled with flyoff

Large OT Rubber

Jim O'Reilly	540
Jim Bethea	485
Norm Frawley	294

Mulvihill

Jim O'Reilly	632
Pete Reinhart	625
Ed Vanlandingham	613
Grant Carson	262
Jeff Pakiz	43

Nostalgia Wake/Rubber

Jim O'Reilly	Rubber	540
Herb Kothe	Wake	300
R.P. Hanford	Wake	180

Small OT Rubber

Herb Kothe	Korda C Stick	540
Don DeLoach	Gollywock	524
Jeff Englert	Stratometer	444
Jim O'Reilly	Stratometer	438
Grant Carson	Thermalier	274
Darold Jones	Gollywock	232
Rick Pangell	Sparky	155

OT Catapult Glider

Lee Hines	318
Don DeLoach	224
Rick Pangell	142
Ralph Carlson	131
Jeff Englert	77

Dawn Gollywock

Herb Kothe	2:39
Don DeLoach	2:14
Jim Bethea	2:09

HLG

Mark Covington	360+81	441
Lee Hines	360+0	360
Larry Kruse		320
Jeff Englert		192
Mark Hoffman		183
Marc Sisk		76

Catapult Glider

Lee Hines	358
Larry Kruse	301
Mark Hoffman	298
Mark Covington	230
Marc Sisk	125
Neil Myers	123
Ralph Carlson	90

OT HLG

Mark Covington	235
Jeff Englert	192
Rick Pangell	62
Grant Carson	36

Junior HLG

Raymond Boyd	50
Stephen Boyd	38

Junior CLG

Sam Jones	340
Charlie Jones	154
Doug Meyers	121
Raymond Boyd	56

Classic Towline

Don DeLoach	540+66	606
Mel Gray		389
Rick Pangell		367
Willard Smitz		184

1/2A Gas

Don DeLoach	540
Bob Hanford	463
Marc Sisk	386
Fred Carstens	228

AB Gas

Bob Hanford	540+170	710
Dave Wineland	540+122	662
Marc Sisk		314

CD Gas

Dick Nelson	457
Bob Hanford	441

1/4A Nostalgia

Bob Hanford	236
R.P. Hanford	206
Larry Kruse	84

1/2A Nostalgia

Larry Kruse	540
Jeff Englert	322
Bob Hanford	287
Rick Pangell	180

1/2A Classic

Bob Hanford	540
Marc Sisk	380
Dave Wineland	243
Rick Pangell	42

ABCD Classic

Bob Hanford	CD	540
Bill Lovins	AB	524
Dick Nelson	CD	497
Marc Sisk	AB	343

A Nostalgia

Bob Hanford	540
R.P. Hanford	477
Larry Kruse	464

BC Nostalgia

Bob Hanford	B	531
Norm Frawley	B	336
Larry Kruse	B	312
Bob Hanford	C	430*

*score does not count for RMC awards. Counts for National Cup points only.

Slooow Open Power(?)

Dick Nelson 540+180+180+180	1080
Don DeLoach 540+180+180+0	900
Bill Lovins	496
Norm Roglitz	357
Rick Pangell	229
Larry Kruse	105

.020 Replica

Dick Nelson	360
Larry Kruse	233
R.P. Hanford	220
Jeff Englert	104

Dawn Gas

Dick Nelson	C Nostalgia	3:52
Chuck Etherington	F1C	3:48
Bob Hanford	B Gas	3:47
Bill Lovins	SLOP	3:29
Don DeLoach	Super D	0 -has excuse
Rick Pangell	B Gas	0 -bladder blew

SAM OT Gas Combo

Bill Lovins	540
Norm Frawley	450
Dick Nelson	433



Mark Smith, AMA Dist. IX VP, bestowing the 50th Birthday award to Club President Pete McQuade



Pete Reinhart of Austin, TX: another first time RMC attendee. Placed second in Mulvihill by a scant 7 seconds!

1st Annual Ruckus In The Rockies HLG Festival

Thanks to all the prize donors and especially to Todd & Randy Reynolds for conceiving and running this great event!!
Prizes: 1st - Composite DLG kit from Chris Goins; 2nd - Stan Buddenbohm Gift Certificate; 3rd - Star*Link Gift Certificate

Mark Covington	42	120	47	120	42	120	491
Mel Gray	76	61	120	95	61	40	453
Jeff Englert	90	78	36	30	83	61	378
Bob Miller	36	83	52	31	44	54	302
Chris Goins	56	37	10	35	77	51	215
Lee Hines	8	46	39	30	39	41	203

Dynasty Cup FAI

F1A

Lee Hines	180	180	180	180	180	180	180	1260
Andrew Barron	136	180	180	180	180	180	180	1216
Norm Smith	145	180	180	173	156	180	180	1194
Peter Brocks	180	180	180	78	180	74	180	1052
Pete McQuade	180	180	180	0	0	0	0	540
Willard Smitz	ATT	0	57	0	20	0	0	77

F1B

Ed Vanlandingham	180	180	180	180	180	180	130	1210
Dick Wood	180	180	180	180	120	148	180	1168
Mark Hoffman	112	180	180	72	0	180	90	814
Darold Jones	71	87	180	0	180	76	108	702
Pete Reinhart	78	100	14	0	0	0	0	192
Richard Branca	0	0	0	0	0	10	0	10

F1C

Chuck Etherington	0	160	130	98	180	105	180	853
Fred Carstens	37	39	0	0	0	0	0	76

F1P

Bob Hanford	180	180	180	0	0	0	0	540

F1H

Lee Hines	120	120	84	120	120	564
Norm Smith	95	120	120	100	120	555
Rick Pangell	70	120	120	45	120	475
Willard Smitz	45	45	0	0	10	100

F1G

Peter Brocks	120	120	120	120	120	600
Marc Sisk	120	120	120	108	120	588
Jerry Murphy	120	120	120	120	78	577
Ed Vanlandingham	120	104	120	120	87	551
Dick Wood	120	120	120	74	61	495
Mark Hoffman	120	85	74	73	120	472
Pete Reinhart	98	120	68	20	48	354
Richard Branca	0	120	58	0	0	178
Jim O'Reilly	54	0	0	0	0	54
Darold Jones	3	0	0	0	0	3

F1J

Bob Hanford	120	120	120	0	0	360
Jerry Murphy	110	32	37	0	0	179
Fred Carstens	120	0	0	0	0	120

RMC Flying Aces Events - "FAC Mountain States Scramble"

The scale judges had to work VERY hard at scoring due to the high quality of the model. There were 28 models cramming that hotel room!



FAC Peanut		Flight	Scale	Bonus	Total
1st Don DeLoach	Rider R-6	59	58.5	10	127.5
2nd Rick Pangell	Huntington	53	48	3	104
3rd Jerry Murphy	Lacey M-10	45	50	0	95
DNF Dave Wagner	Spad VII	19*	61	15	0
DNF Dave Wagner	Haines H-3	0	60.5	10	0
DNF Jerry Murphy	Cougar	0	40	0	0
DNF Jeff Pakiz	Vagabond	0	50	0	0
DNF Jeff Pakiz	Piper PA-22	0	49	0	0
DNF Jeff Pakiz	Farman Mono	0	51	5	0
DNF Jeff Pakiz	Cougar	0	40	0	0
DNF Grant Carson	Pietenpol	0	56	3	0
DNF Don DeLoach	Davis DA-2A	0	59.5	10	0
DNF Rick Pangell	Vagabond	0	49	0	0

* = model did not achieve the minimum qualifying flight time of 20 sec.

FAC Scale	***Model***	***Flight***	***Scale***	***Bonus***	***Total***
1st Don DeLoach	KI-61	106/79.0	60.5	10	149.5
2nd G. Mansfield	Sparrowhawk	104/78.5	59	10	147.5
DNF Don DeLoach	Marcoux-Br.	112/80.5	57	10	147.5
3rd Roger Willis	Barracuda	75/67.5	61	5	133.5
4th Phil Thomas	Fiat G-55	61/60.5	52	10	122.5
DNF Roger Willis	Laird LCDE	49	48	15	112.0
5th Dave Wagner	Junkers D.I	39	61	10	110.0
DNF Grant Carson	Skyfarer	0	62	0	0
DNF Jeff Englert	Taylorcraft	0	60.5	0	0
DNF G. Mansfield	Globe Swift	0	56	10	0
DNF Dave Wagner	Helldiver	0	62	10	0
DNF Grant Carson	PZL	0	41	5	0
DNF Abe Gallas	Hurricane	0	37	10	0
DNF Abe Gallas	Interstate	0	32	0	0

WWII Mass Launch

1st	Roger Willis	Barracuda
2nd	Phil Thomas	A-36 Mustang
3rd	Don DeLoach	KI-61
4th	Grant Carson	PZL

Jimmie Allen

1st Herb Kothe	Bluebird	304
2nd G. Mansfield	BA Cabin	274
3rd Roger Willis	BA Cabin	186
4th Steve Riley	BA Cabin	133

Greve/Thompson Mass Launch

1st	Don DeLoach	Marcoux-Bromberg
2nd	Roger Willis	Laird LC-DE
3rd	Rocky Russo	Gee Bee D
4th	Phil Thomas	Goon
5th	Steve Riley	Rider Jackrabbit
6th	Jeff Englert	Time Flies

Golden Age Scale

1st Herb Kothe	Taylorcraft	320
2nd Jeff Englert	Taylorcraft	283
3rd Phil Thomas	?	125

JUST SO YOU DON'T THINK IS ALL WE DO IS FLY MODELS DEPT

Bill Lovins sent me this dissertation. What it is describing is "peel strength" of the different adhesives to balsa, ala cap strips. The application is just as valid for spar and web caps and was a big issue on spacecraft when a force across the fiber was applied to composite laminates. The application is most apparent on carbon cap strips near the trailing edges of ribs as they intersect with the trailing edges. It's empirical, yes, but very indicative. To avoid peel, the best solution is a wrap or mechanical tie down device or cover layment.

For note: Ken Phair sent me an article from "Advanced Materials and Processes" trade magazine a couple of years back. I have been waiting for an opportune time to reprint the good parts, but haven't had the space. So, if you want a soft copy of it please reply to themaxout@aol.com and I will forward it to you. It lays down all of the basics and subtle differences of the modern adhesives form cyano to urethanes. It's worth a read.

Here is a very un-scientific test that I did a while back and you might find it useful. Enclosed is a picture of some of the tests.



Bonding .007 carbon sheet to balsa

The usual adhesive (CA) used in bonding carbon sheet to balsa does a poor job and I decided to try some alternatives. Using a radius of about 3-4", I tried the following adhesives (without thinning). The samples were then subjected to heat, cold and humidity. Then moderate pressure was used to try to peel the carbon away from the balsa. Using a scale of 1 (poorest) to 10 (best), here's the results:

Ambroid= 3
CA (medium)= 7
UGL (contact cement)= 5
Krazy (a CA)= 9
Stix-It (a contact cement)= 4
30 minute epoxy= 8
Goop= 10
Formula 560 Canopy Cement= 10

Note: the carbon sheet I used in the tests was what is usually used for rib cap strips. Dull on one side and shiny on the other and strips from the 3 X 36" sheet in uniform widths. I got my carbon from MRL.
Bill Lovins

NOW FOR THE GOOD STUFF DEP'T

Don't know quite how to intro this as it is very hot…politically, but golly gee, it's time for some reassessment. A LOT of discussion goes down about the events, number of them, and all sorts of things like that. And on issue that is constantly showing it's head out of the hole is the builder of the model rule, BOM.

Builder of the Model Rule – Time for a change

"At this year's NFFS banquet in Muncie NFFS president Rex Hinson said in his state of the NFFS talk that membership has declined by 13%. This is a shocking development that if it continues we will cease to exist. In business, if the company experienced such a drastic drop in sales the board would be asking very hard questions and people would be assigned to specific tasks to return to previous levels of performance.

So, what about NFFS and free flight in general? We all know that flying field availability is an issue, but is there more to the story? What if free flight could be more welcoming to people who want to give this sport a try? The current BOM rule says in effect, go away and learn how to build and then come back once you have built your model. Putting such a high barrier to entry is surly one factor in our lack of growth.

Here in Colorado, the Magnificent Mountain Men Club has established the reputation of being an open and welcoming organization. The result is our club is growing while NFFS is in decline. What is it about the MMM Club that is so different? We don't [actively] enforce the BOM.

Here is one example of how not enforcing the BOM had helped free flight grow. One of my old RC glider friends brought a new fellow out to the field for one of our monthly meets. His fellow had flown FF as a junior back in Texas but had been away from FF for many years. Rob Romash gave him a HLG and said, "Here, go have fun". Well he did have fun and in fact he won the contest. Mark Covington became a free flighter that afternoon. That isn't the end of the story. Mark returns to Colorado Springs and tells his friend Bill Stevens who runs Stevens AeroModel, an RC kit company, about his HLG experience. Mark and Bill go to work and produce a new laser cut HLG kit as well as a DLH body kit. Now Bill and his son are MMM members and all three are competing in free flight contests. What did avoiding BOM do for free flight, it gained us three new flyers and a new kit manufacturer. Check it out on the web at http://www.stevensaero.com/shop/home.php

Does this example point to a possible solution to NFFS's negative growth? Well the experience here in Colorado sure indicates that such a change can produce positive results.

Insanity is often defined as doing the same thing over and over and expecting different results. I believe it is time to try something different to see if different results can be obtained. Lets get rid of BOM now before it is too late."

Editor's note: Murph has made an excellent point and his discussion continued later. The BOM as it is interpreted does not leave nay room for discussion. However, there are some events and situations that need liking at. What about the kid or visitor who shows up at a contest? Most all of us give them a HLG and let him go at it. An experienced builder, say an indoor flyer or RC flyer can generally take it from there if they are interested. But the time lag from tossing a HLG to becoming an accomplished builder is *long.* There must be a way to expedite this to generate new free flighters.
Also, *not all events should be non-BOM. Some events should be BOM*. Scale would come to mind, AMA gas (not Classic Gas or SLOP), Mulvihill, and some others, but the room for openness is P-30, NFFS Glider, Gollywock, HLG, CLG. The reason would be the non-BOM events are more about flying than building. I would open the door also because of the many models that are estate available. It's a shame that one can't resurrect a fellow modelers creation. The building incentive comes because those models don't last forever anyway. - Rick

October 21, 2007 MMM Max Meet
CD: Dave Wineland

For non-gas powered airplanes:

1. Each contestant gets to attempt up to three strings in any event(s). The event(s) can be three strings in the same event, or different events, contestants' choice. Don't worry…enter all 3 strings and they will all count toward your best string. You won't forfeit any.
2. $1 entry fee per string.
3. A string is defined as the number of consecutive 2 or 3 minute maxes for the applicable event, plus the percentage of the max attained on the last flight of a string.
4. For the following events the max is 2 minutes: HLG, CLG, P-30, and F1G, 020 replica and any other (normally) two minute event..
5. For the following events the max is 3 minutes: (Cat II) Mulvihill, Nos Rubber, OT Rubber, F1AB, and any other (normally) three minute event.
6. Maxes will ***not*** be increased for fly-offs in any event, nor will engine runs be decreased -- it is simply how many consecutive standard maxes one can make.
7. Upon the first max of any string, notify the CD that you are starting your string and record it when it ends. When a contestant drops a max the score will be converted to percentage of max attained. Example. 4 maxes plus 110 out of a possible 180 seconds would be 4.61 maxes
8. Highest score wins and the winner takes the pot!

Special event:

AMA GAS ATTACK: $ 100 to the winner

Rules:
*Any piston powered airplane, all flights: 9 s engine run, 180 s Max (two attempts per flight, 40 s is official)
* Winner is the one with the longest string of maxes (see 7, above).
* $5 for first entry, $2 for each successive entry, no limit on the number of entries.

FIRST CLASS

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

The Magnificent Mountain Men
6994 So. Prescott St.
Littleton, Colorado
80120

FREE FLIGHT WITH AN ALTITUDE!

UPCOMING EVENTS

DATE	EVENT	FEATURE EVENT
OCTOBER 21	**MMM Monthly**	**Max-Out Meet**
NOVEMBER 4	**MMM Monthly**	
NOVEMBER 18 (Tentative)	**INDOOR IN THE SPRINGS**	