



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/>

2014-04 (May/June)

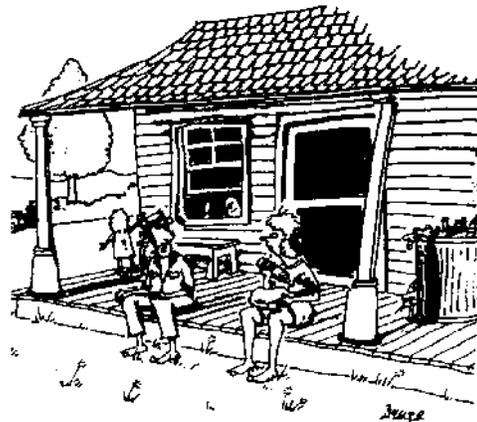


PONDERINGS DEP'T

Results from the Builder of the Model Rule...it has been voted out starting the 2015 AMA contest season...except for scale and all those events that don't fall under the NFFS and SAM guidelines. I shouldn't editorialize here, but it is a good decision.

It's going to be a great season. The MMM Club has stepped up and is hosting some great flying. Don't sit on the sidelines and think about it. Really get out there and support the club. Your leadership has stepped up and made this a wonderful flying opportunity in supporting Free Flight!

Don't be one of those who says "Woulda, Shoulda, Coulda." Be the guy who is there...



"Ma ...

Time to charge up those batteries, get fresh fuel and some rubber...any money left in the egg jar?

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:
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Flying Field Weather Line:

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**MMM
MONTHLY
MEETING!**

**Every Third Tuesday at 7:00
PM, Dinner at the Castle Cafe
in Castle Rock.**

HEADS UP: !!!!

*In the unlikely event that a model lands within the fenced-in area of a ConocoPhillips well site, we are **not** allowed inside that area. Don't even **think** of jumping the fence to retrieve the model. Instead, call the number posted on the sign at the well site, and read them the name and description of the well site location. The well-site operator will come to retrieve the model--they're usually "on-call." If you can't reach anyone, call Mr. Max Blair's cell phone, 720-862-4503. It's possible they might not be able to retrieve the model until the next business day. Again, do **not** enter the fenced-in area--our lease could be at stake.*

Motorcycle Use on the Field Policy:

Follow the roads wherever possible and not to follow the planes cross-country. 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 mmmfclub@gmail.com, 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 PONDERINGS

Mel Gray



Reflections on Kids

H.L. Mencken once said “For every complex problem there is an answer that is clear, simple, and wrong.”

“.....However, knowledge gained is one thing; knowledge shared is quite another!”

For longer than I can remember, there has existed a debate / commentary / discussion on kid's participation in our hobby endeavor.

The two quotes presented above can be seen as representing what I feel are two opposing views.

In the first thought, by Mr. Mencken, we confront the idea that the relative lack of kid participation is a complex, multifaceted problem. All of the various arguments basically distill down to the thought that the problem is so obtuse and difficult that any possible progress is all but impossible and any solution is to be left to those solely dedicated to its resolution.

The second thought is one that I believe is much more accurate and to the point. I can't remember the author's name so I'll call him anonymous. He speaks directly to the simple, operative truth, namely, if you want to help solve a problem you have to do something positive – share your time, knowledge and passion.

I'm proud of our Club. I believe we take anonymous' words to heart. Our recent Kid's Contest was a significant expression of that sentiment. We had a blast working with the kid's that were there and it was really enjoyable and satisfying. Our indoor program this year, highlighted by the Ceiling Climb, provided the

venues, assistance and advice that helped several young people in their pursuit of our hobby. Whether any of this effort bears fruit in the future is not known of course, but I am heartened that so many of our members are willing to take their knowledge gained to the next level. So, on behalf of the kids and me, thanks to all of you who share your knowledge and love of our sport.

See you at the field,
Mel

STUMP CLUB DEP'T

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

Another Road Trip with Murph...to THE DOME!

For you guys who like to fly indoor, the “Dome” is one great place to fly. 100' ceiling and basically a football field inside as the launch area. The wind outside was howling at over 30mph and inside, other than hearing the wind, was very calm with minimal drift if any.

Murph at the end of the contest wrapping up and packing it out:



Bill Leppard cleaned up by winning everything so Murph and I relegated ourselves to flying for 2nd or 3rd (mostly 4th or so) and didn't do very well at that in most events. But we did make a decent showing.

Bill helping out a young lad with his
“Stringless Wonder”

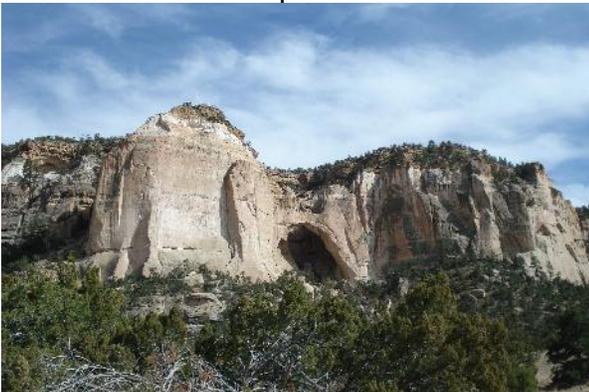


And the towns of Springerville and Eagar are really wonderful too, very receptive to us and folks showed up to watch! The Best Western was really comfortable and there are many exceptional places to eat.

One may think that it's too far to go to fly, but when you consider that to fly at Kibbe Dome or Johnson City, the trip is the same. From Albuquerque, it is about a 3 hour drive

On the other hand, the trip down there was really wonderful. Yeah, it was a 3 hour drive from Albuquerque, NM. But, it takes you through El Malpais National Monument which has some beautiful scenery...truly stunning.

The “Arch” in El Malpais:



Not much longer than going to Johnson City, Tenn from anywhere with an airport...or Kibbe for that matter.

However, the Dome is at 7000 feet elevation. Which brings up a point that there was a proposal in work to have separate record status for sites with an elevation of more than 5000' to defuse the flyers that are reluctant to go there. Sadly, it was defeated.

Steve Riley of the Phoenix club has done an excellent job in securing the site and developing a good relationship with the town of Eagar in allowing model airplane flying there. We should all try to make and support the contests and future events.

IDEA DEP'T

This is the system I use to wind my scale models like P-Nut and Dimers. It's not a new idea and I got it from thinking about the winding half tubes used to wind FIG's and B's off the model. It's bit of change from using a blast tube for winding. I use a slightly larger rear tube to wind and have a stuffing stick to insert it into the model, where the anchor tube is then slid into the winding tube...got it? That's why we take pictures. Murph took the picture...Rick



ROUND VALLEY DOME CONTEST

April 26, 27, 28 2014

F1D	1st place	Bill Leppard	
	17:07		
F1L	1st place	Bill Leppard	
	27:18		
	2nd place	Richard Wood	15:57
	3rd place	Elmer Nelson	14:30
F1M	1st place	Bill Leppard	24:48
	2nd place	Tom Ioerger	14:13
	3rd place	Rick Pangell	12:49
	4th place	Jerry Murphy	12:34
Easy B	1st place	Bill Leppard	14:02
	2nd place	Richard Wood	8:09
	3rd place	Tom Gaylor	6:41
	4th place	Rick Pangell	4:02
Catapult Glider	1st place	Jean Andrews	84.1
	2nd place	Rick Pangell	56.9
Unlimited Catapult Glider	1st place	Jean Andrews	91.2
	2nd place	Rick Pangell	60.5
Limited Penny Plane	1st place	Tom Ioerger	7:51
	2nd place	Jerry Murphy	6:34
	3rd place	Elmer Nelson	5:37
	4th place	Rick Pangell	5:35
Open Penny Plane	1st place	Bill Leppard	10:37
	2nd place	Rick Pangell	9:35
	3rd place	Jerry Murphy	8:23
A6	1st place	Bill Leppard	6:39
	2nd place	Rick Pangell	4:52
	3rd place	Richard Wood	3:31
	4th place	Elmer Nelson	2:24
	5th place	Tom Gaylor	2:22
Mini Stick	1st place	Bill Leppard	8:52
	2nd place	Richard Wood	4:36
	3rd place	Tom Gaylor	3:12

FAC Nocal Scale

1st place	Bill Leppard	9:18
2nd place	Rick Pangell	7:13
3rd place	Jerry Murphy	:46.0

Mass Launch

1st place	Bill Leppard
2nd place	Rick Pangell
3rd place	Jerry Murphy
4th place	Jean Andrews

Dime Scale

1st place	Rick Pangell	28.7
2nd place	Jerry Murphy	20.8

Peanut Scale

1st place	Rick Pangell
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Round Valley Dome
Site Records

Event	Name	Year	Time
F1D	Bill Leppard	2013	45.09 min/sec
F1M	Bill Leppard	2013	27.48 min/sec
Open Penny Plane	Bill Erwin	2012	15.53 min/sec
Limited Penny Plane	John Alling	2012	11.02 min/sec
Easy B	Y. K. Lee	2012	22.04 min/sec
F1L	Y. K. Lee	2012	31.54 min/sec
A-6	Bill Leppard	2014	6.39 min/sec
Mini Stick	Rob Romash	2012	9.46 min/sec
Hand Launch Glider	Rob Romash	2013	97.4 seconds
Catapult Glider	Mike Keller	2013	124.49 seconds
Unlimited Catapult Glider	Rob Romash	2013	166.6 seconds
No Cal *	Bill Leppard	2013	10.02 min/sec

*6.2 gm. minimum 7" max. prop. Dia.

THE FIRST SCRAMBLE OF THE YEAR!

May 4th

CD: Rick Pangell

This contest was the shakedown cruise if you will. We had about 10 flyers show up but only 7 entered the contest. I think a few guys were hesitant about coming due to the weather forecast, but it turned out to be a pretty good flyable day! Excellent weather, warm, sometimes a bit breezy, but great in the afternoon, typical Colorado weather. This can be a confusing time of the year to make a contest with graduations and all that, but it's going to be a fun filled action packed summer.

The highlight was Jace Pivonka won his first Scramble!!! Way to go Jace! Flying HLG, that kid can really toos and is turning into one of the better air pickers on the field. Maybe we older guys gave him too many of our secrets and now he is besting us with our own game.

The Dime Scale Mass Launch was held at noon. I made the decision to fly not knowing the breeze would calm down to a near flat in about an hour, but I held up the noon target.

Results (I didn't write down the Mass launch times here because they were kind of embarrassing):

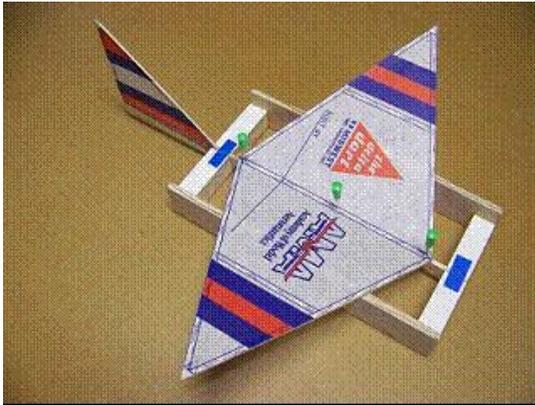
1. Don DeLoach
2. Rick Pangell
3. Jerry Murphy
4. Jeff Pakiz

But for the kick-off of our annual outdoor season it was great anyway. Sitting out on the field looking at the Rocky Mountains in the west...beautiful day to fly. All of those folks who don't come out with a lawn chair are really missing something. And, if you want to fly, I can't think of a better place.

 MMM Scramble Contest Only Sorting Sheet SORT BY COLUMNS HIGHLIGHTED ON SCRAMBLE TIME															
ENTER CONTEST DATE:		5/4/14													
ENTER CD NAME:		Rick Pangell													
MMM MONTHLY SCRAMBLE															
												ENTER	Best Factored Score =		2.48
DATE	EVENT	ENTRANT	CLASS	Fit 1	Fit 2	Fit 3	F/O 1	F/O 2	# MAXES	MAX TIME	TOTAL AMA	SCRAMBLE TIME	FACTORED SCORE	SCRAMBLE POINTS	
1	5/4/14	SG	Pivonka, Jace	TipLG	120	0	0	120	58	2	120	298	298	2.48	100
2	5/4/14	3 Min	McQuade, Pete	F1A	180	149	105	0	0	1	180	434	434	2.41	97
3	5/4/14	SG	DeLoach, Don	TipLG	88	0	53	0	50	0	120	171	171	1.43	57
4	5/4/14	SG	Gray, Mel	TipLG	43	0	0	63	45	0	120	151	151	1.26	51
6	5/4/14	2 Min	Murphy, Jerry	E38	16	0	0	0	0	0	120	16	16	0.13	5

DART IDEA

Here is an alternate design for an assembly jig. (now that I have 9 of em and Bruce has a couple more of the "PMAC design") On this one I would still mount it to a piece of plywood. I would screw the side rails to the white cross pieces so they could be changed to change the dihedral angle. The second and third pictures are of a very simple winding stooge. ...Steve Riley



NEW GPS?

GPS locator for RC plane drone helicopter slope soaring
<http://www.optimaltracking.com/en/gps-modelisme>

A new Icare2 tracker for aeromodeling is available soon...
Ultra miniature, **weighing 4 grams**. Available in July 2014.

SPECS:

Range: 3 kilometers at ground level, more than 10 in flight

Dimensions	48 x 35 x 14 mm
Weight	32 grams
Power supply	Lithium Polymer battery 610 mAh 3.7 Volts

Autonomy (at 20°C) 13 hours

Charging time (at 20°C) 1 hour and 15 minutes

GPS Very high sensitivity

Water resistance Surface immersion for short period

Radio transmission frequency 869.525 MHz

Radio transmission power 500 mW

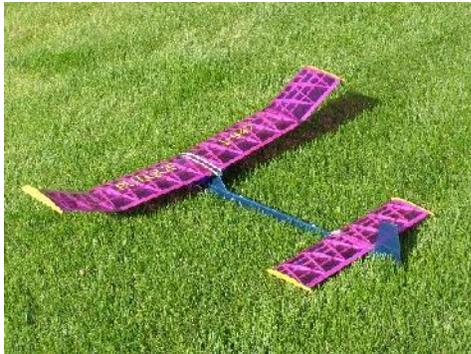


HLAII.

Here's the first photos of *PULQUE II, the last plane in the "Coming Home To Free Flight" trilogy.

One can see the family resemblance to Santa Cruz and QBIT as it utilizes the same basic structure and aerodynamics on the flying surfaces and fuselage. A conventional pylon model, the wing span is 42" vs 48" for the others with a corresponding reduction in wing area, being 262 sq. in. vs 285 sq. in. The stab has a larger area, 36% of wing. Engine size: .049-051.

Utilizing wing and stab tip plates for tip vortex control, it has a touch of Ron St. Jean's **Ram Rod** look.



The plans show two rudder configurations. The one shown in these photos and a dorsal rudder ahead of the stab. A third configuration will evolve as one individual on the west coast who got wind of PULQUE's development, wants to mount the rudder on the stab, as the original PULQUE I.

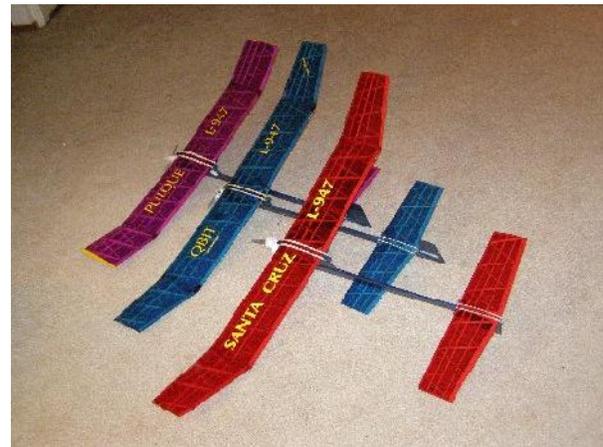
This is the easiest of the three planes to build as the flying surfaces are rectangular and the laser cut ribs are spot on. Don DeLoach did an excellent job on the graphics. Laser cut ribs/plans are available.

It may not be as elegant as QBIT with it's longer, tapered wing, bit it may be fast and a real scrapper!

*Pulque is a fiery Mexican drink made from fermented cactus juice.

Here's the family portrait of the "Coming Home To Free Flight" Trilogy. The last one, Pulque II-a pylon model, uses the same type structure as Santa Cruz/QBIT and has a wing span of 42" vs 48" and a slightly larger stab. Three different rudder configurations may be used. A QBIT type is used on this model.

They are flying now with a Cox TD .049, .051.



Best Regards,
Ray Boyd

NOTE: TD .09's

For all of you who may have a TD .09 laying around out there, glow heads are a major issue since they don't make them anymore...but from Alan Peterson via Ray Boyd... Bob Mattes just finished a couple of radial mounts for the Cox 09 TD. I also just asked him about making a Nelson plug head for the TD 09 and he is good with it so I will be sending him a couple of Medallion glow heads and a couple of TD glow heads to modify. Then if I really get excited about running the 09 I won't be begging on eBay for replacement glow heads. I think that is the major problem with this engine..

MMM CONTEST CALENDAR THRU END OF 2014

For those of you who need to do planning!

DATES	CONTEST	EVENTS	CD
8 Jun	Monthly Scramble	AMA, FAI, NFFS, SAM	Darold Jones
29 Jun	Monthly Scramble	AMA, FAI, NFFS, SAM	Pete McQuade
10-11 Jul	F1E Team Selection Finals	FAI	Jerry Murphy and Marc Sisk
12 Jul	14 Rounder plus 2 World Cups!	Centennial Cup FAI, AMA, NFFS, SAM	Jerry Murphy and Marc Sisk
13 Jul		Tui Cup FAI, AMA, NFFS, SAM	
10 Aug	Monthly Scramble +SAM 1 Gollywock	AMA, FAI, NFFS, SAM	Mel Gray
30 Aug - 1 Sep	Rocky Mountain Free Flight Champs/FAC Mtn States Scramble/Dynasty Cup	AMA, FAC, FAI, NFFS, SAM	Don DeLoach and Chuck Etherington
14 Sep	Monthly Scramble	AMA, FAI, NFFS, SAM	Todd Reynolds
19 Oct	Monthly Scramble	AMA, FAI, NFFS, SAM	Duane Hjerlied
9 Nov	8th Annual Texas Frito Pie Scramble	AMA, FAI, NFFS, SAM	Dave Wineland
TBD Nov	Indoor	All FF classes	TBD
6 Dec	Annual Business Meeting	N/A	N/A

2014 Sam Flying Schedule.

Note: these dates are coincident with MMM Schedule too!

May, 19

June, 29

July, 13

August 10. The SAM -1 will also hold a Gollywock contest on this date. It will be open to all AMA and SAM members.

September, 14

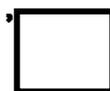
October



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

<i>DATE</i>	<i>EVENT</i>	<i>FEATURE EVENT</i>
<i>8 June</i>	<i>MMM SCRAMBLE</i>	<i>12pm DIMER LAUNCH</i>
<i>29 June</i>	<i>MMM SCRAMBLE</i>	<i>12pm DIMER LAUNCH</i>
<i>10-13 July</i>	<i>FAI ALL THE WAY !!!</i>	<i>2 WORLD CUPS!</i>

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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