



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/>

2013-04 (May-June)



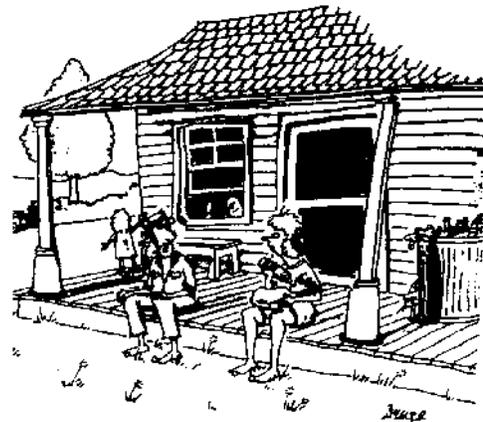
PONDERINGS DEP'T

Running a bit late on this issue...I waited for the May Scramble report to come in and some words from Jerry.

The June Scramble is upon us this coming 9th, a week away. Let's all make an effort to get out and fly soething. Anything at all can be flown in the scramble as long as it has some sort of max to fly to, SAM, AMA, NFFS, you name it.

You got a model, we have an event.

Note the FAI 14 rounder will be upon us before you know it. Yeah..it's on the heels of the NATs, but that's free flight!



"Ma ...it's gonna be a long summer, I can tell..."

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
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Elizabeth, CO 80107-7419

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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 Required. See: "www.indoorcolo.org" for complete info

HEADS UP: !!!!

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 mmmffclub@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

Jerry Murphy



Date change for the MMM F1E World Cup Event

As you might have heard AMA moved the 2013 NATS to be in conflict with the MMM World Cup event resulting in a conflict with those going to represent the USA in this year's F1E world Champs. The desire is to offer one additional F1E competition for our team members before they depart for the World Champs. So after contacting all the flyers who had expressed interest in flying F1E on the MMM's new site the decision has been made to move the F1E event from Friday July 12 to Monday July 15.

Thermals,
Jerry Murphy

MMM - USA World Cup in the Summer

The MMM Club is hosting our 34th annual 14 round meet over the weekend of July 12-14. Like last year's event, this contest is both America's Cup and World Cup sanctioned. Mark that weekend in ink on your calendar and make your way to Colorado to fly on the largest field in North America. For those who are not familiar with the MMM Field, it is located near a major international airport and within sight of the skyline of downtown Denver. Event details are on the MMM web site www.themmmclub.com.

Thermals,
Jerry Murphy, CD THE MMM Club

P.S. - Ian Kaynes told me he is planning to attend our 14-Rounder. For those who don't know, Ian is the FAI CIAM Free Flight Subcommittee Chairman. Let's give him a great welcome !

STUMP CLUB DEP'T

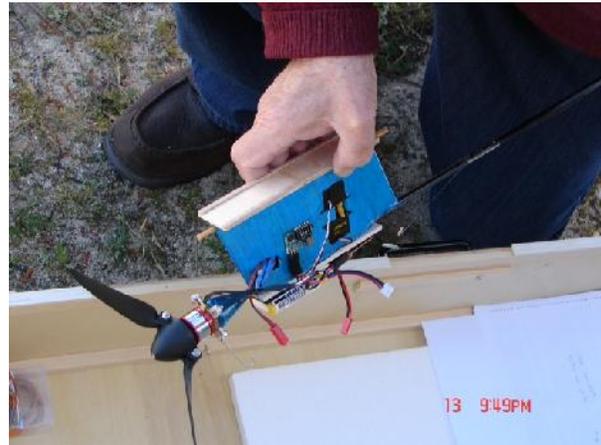
This is the place where club members can share their most treasured learning experiences

Subject: My Super Pearl

Dear Don,

I include some photos of my new Super Pearl, the unique made in Portugal because in this country Free Flight was banned. Within soon I hope to trim it. I live in Lisbon, near the Atlantic ocean coast, and whether it is very windy. Fuselage has two Dymond servos and a Z TRON controller and timer. Second servo is to RDT by a 2,4Ghz RC. It will fly...and fly...and thank you for so nice and simple model I hope a great success with E-36 contests in US, specially to Super Pearls.

Best Regards
C. Bastos



Now THIS a true Free Flighter. An illegal Portuguese Pearl flyer. I love it!!!

Comments:

How can a country ban Free Flight? Makes us appreciate our freedom even more.
Congratulations on the international exposure! E-36 is an elegant design!
Ray Boyd

It's interesting that heroin is legal in Portugal but Free Flight is banned. So if you're found with a rubber motor or DT fuse, can you be charged with possession of Free Flight paraphernalia? I just hope his RC friends don't rat him out.
Chuck

Hi Frank, (Editor of Flying Models Magazine)

Here's a photo of Eric Strengell holding a COCHISE A-1 (FM Oct 2008) taken at Lost Hills, CA this January.

Eric is a meticulous builder and accomplished free fliker. I asked him for his impressions of the glider which he built off the plans as they appeared in Flying Models.



Eric Strengell with COCHISE A-1, designed by Ray Boyd. Photo by **Don DeLoach**.

Here are his comments.

" The Cochise has the distinction of being the only free flight model I've ever built that did not need any trimming whatsoever. I took it to the Isaacson meet in February and just towed it up and it flew perfectly! All settings and C/G were made exactly as shown on the plans including rudder deflection, stab incidence, etc. I only added 1/8" of washout in the tips.

The model weighs in at 4.5 oz. with 1.5 oz. of lead in the nose. She came out a bit tail heavy despite my efforts to keep things light back there including your caution to use "puffed wheat" wood for the stabilizer. It's covered with Ultracote Light instead of tissue so that's probably why it came out heavy.

She tows and flies beautifully! I only stopped flying when I broke off and lost one of the rudder set screw fittings. The only advice I can give is to build the model straight with no warps (except tip washout) and set everything else up exactly as shown on the plan. This obviously would be a great first towliner for a new flier.

I did beef up the center section with carbon fiber sheet laminated to the back of the leading edge

and both sides of the main spar out to about the third rib from the center each side. The wing seems pretty tough with this reinforcement and tows fine in a stronger headwind with no signs of excessive wing deflection. This airplane is so pretty in the air with its classic elliptical surfaces and slow, majestic glide!

The only other changes I made were simply for looks since I was covering it in transparent material. I laminated the wing tips out of (4) 1/16" x 1/4" strips so they would blend in perfectly with the leading edge and also swept the tip turbulator spars in an arc to flow with the curve of the leading edge.

Frank, we have at least one happy customer here.

Stay tuned for "QBIT", a 1/2 A "Coming Home to Free Flight" pylon model.

Best Regards,
Ray Boyd

OUR S/O TEAM RESULTS

At the S/Oly nationals the Poudre High School kids took first place in gliders.

Second in gravity vehicle
Third in Robotic Arm
Sixth in Mag Lev
ninth in boomilever.

They were the second best build team in the nation.

The whole team overall was 15th

Plus Gage took first place in remote sensing

Again i would like to thank:
Rob Romash for all his guidance
Rick Pangell for coming up and sitting with the kids for a day and teaching them all one could ever want to know about slow flight aerodynamics
Don DeLoach for doing everything you could to help them

And to everyone else. Thank you so much. You were a big part of the amazing team.

Erik Bock

MMM April Coupe Contest– CD’s Report...Not a Scramble...

Contest Date: 4/28/2013

CD: Rick Pangell

It was a gorgeous day with lots of calm. Unfortunately, not too many flyers were in attendance with conflict of the WESTFAC contest. But thanks to our hot junior flyer, Jace Pivonka, we had 8 visiting onlookers. Jce had encouraged them to come out and visit. The boys were from his scout troop and the watched in awe the wonderment of FF. We of course gave our usual MMM welcome and had lots of things for them to see and do. Hopefully our follow up will keep them coming back. You could tell they were impressed with jace’s flying and watching the rest of us fly. About the only thing they did not see was a gas model in the air but plenty of gliders and rubber models.

Featured Event - FAI Coupe

Contestant Name	Event	Flt 1	Flt 2	Flt 3	TTL
Rick Pangell	F1G	120	84	120	324

AMA Power Combo (*eligible events: 1/2A, E-36*)

Contestant Name	Event	Flt 1	Flt 2	Flt 3	TTL
Jerry Murphy	E-36	120	120	120	360

HLG

Contestant Name	Flt 1	Flt 2	Flt 3	Flt 4	Flt 5	Flt 6	F/O 1	F/O 2	TTL
Mark Covington	65	61	120	120	120	120	120		600
Mel Gray	26	35	27	30	42	27			107
Neil Myers	36	15	19	37	19	27			100
Darold Jones	6	19	17	9	4	10			46

3 Minute FAI (F1-)

Contestant Name	Event	Flt 1	Flt 2	Flt 3	Flt 4	Flt 5	Flt 6	Flt 7	TTL
Pete McQuade	F1A	180	180	82	180				622

Entrant Summary (*from AMA Form #10*)

Contestant Name	Total # of Maxes	Total # of flights
Rick Pangell	2	3
Jerry Murphy	3	3
Mark Covington	5	7
Mel Gray	0	6
Neil Myers	0	6
Darold Jones	0	6

KIDS DAY CONTEST
May 19th – Don DeLoach

The 2013 MMM Kids Contest was a great success, most due to a number of dedicated individuals who gave of themselves freely.

Roland Solomon is the founder of this event and its greatest promoter. Roland built a couple dozen gliders for the kids to use, and he has mentored more than a dozen kids, This year he brought and mentored two kids from his church, both of whom were enthusiastic returnees from last year including May's big winner, Justin Hitchcock. Chuck's grand nephew Will Wengrovius was there with his grandpa (on his mom's side), Frank Kettlewell. They flew splendidly!

Mark Covington, Chuck Etherington and Jerry Murphy mentored kids, helped with signups, and flew demo flights after the awards. Chuck and Murph also donated a number of party favor items. Thanks guys.

Marc Sisk came up without any airplanes of his own, just to mentor kids and lend his airplanes

Todd and Randy Reynolds mentored kids and lent them airplanes.

Jeff Pakiz flew a demo flight with his Peanut.

Jace Pivonka, despite being a kid himself, sat out this contest and mentored his school buddy Ian Jones. He then gave Ian a P-30 and helped him fly it in the Scramble. Jace you are a class act!

Apologies if I forgot anyone. Everyone who was there from 9-noon suspended their own activities and helped kids, which was really great.

Let's do it again! I am already looking forward to next year's Kids FF Fest!

Rubber

Eli Hitchcock	29+72+73	174
Justin Hitchcock	40+84+31	155
Ian Jones	62+35+36	133
Skilly DeLoach	34+38+20	92
Thomas Monda	12	12
Megan Monda	7+3	10
Will Wengrovius	5+3+1	9

Glider

Justin Hitchcock	120+28+45	193
Eli Hitchcock	26+18+12	56
Skilly DeLoach	7+8+4	19
Thomas Monda	4+9	13
Megan Monda	DNF	
Will Wengrovius	DNF	

Paper Glider

Justin Hitchcock	6
Skilly DeLoach	4
Will Wengrovius	3

MAY SCRAMBLE
Roland Solomon CD

Results follow...

Wow! Our first Kids/Adults Combination Contest was a huge success. The prime ingredient of "FUN" was added to our meets. Model flying isn't only for the boys as Annie Gieskieng showed us years ago and Kiley DeLoach reminded us again.

Justin and Eli are starting to emerge as champs with Justin winning Catapult and Eli Rubber.

Jayce is going to be a force in F1B. He is flying good enough to really, for sure, need a Walston.

Pete has been developing dogged determination, perhaps from reading the postman's creed, "neither rain, nor snow, nor dead of night shall keep these from their appointed rounds."

What is it with the Springs flyers? You guys have to win every Discus and Electric event? Just because us Denver flyers are old and weak and don't understand electricity doesn't mean you have to take advantage. We have the Kids meet in the Spring, maybe we can have the Geezers meet in the Fall.

I hope we are starting a tradition with our "Kids Contest". I believe it will be beneficial on a great many fronts.

KIDS DAY WINNERS !



Left to Right: Kiley “Skilly” DeLoach, Justin Hitchcock (brimmed hat), Eli Hitchcock , Thomas Monda, (w/Sparky) Megan Monda, Will Wengrovius, Ian Jones

**Thomas Monda with
Dad Eric in Background**



**“Grandpa” Kettlewell and
Will Wengrovius**



MAY SCRAMBLE RESULTS:

5/20/13 MMM MONTHLY CONTEST RESULTS SHEET												
3 MIN EVENT										ENTER		AMA TIME
	ENTRANT	CLASS	Fit 1	Fit 2	Fit 3	F/O 1	F/O 2	F/O 3	F/O 4	# MAXES	MAX	ENTER
1	Pete McQuade	F1A	180							1	180	180
2	Jayce Pivonka	F1B	140								180	140
2 MIN EVENT										ENTER		AMA TIME
	ENTRANT	CLASS	Fit 1	Fit 2	Fit 3	F/O 1	F/O 2	F/O 3	F/O 4	# MAXES	MAX	ENTER
1	Jerry Murphy	E-36	73	84	109						120	266
2	Todd Reynolds	E-36	87								120	87
3	Don DeLoach	E-36	63								120	63
4	Don DeLoach	A-Elec	100	93	120					1	120	313
5	Don DeLoach	B-Elec	79								120	79
6	Todd Reynolds	A-Elec	120	120	97					2	120	337
7	Jayce Pivonka	P-30	93								120	93
SMALL GLIDER - HLG/CLG/TipLG - MUST SELECT 3 BEST OF										ENTER		AMA TIME
	ENTRANT	CLASS	Fit 1	Fit 2	Fit 3	F/O 1	F/O 2	F/O 3	F/O 4	# MAXES	MAX	ENTER
1	Mark Covington	HLG	120	82	81	120	84	120	100	3	120	480
2	Todd Reynolds	HLG	76								120	76
3	Don DeLoach	HLG	98	90	66						120	254

MAY SCRAMBLE SUMMARY:

5/20/13 MMM MONTHLY SCRAMBLE							
						Best Factored Score =	3.83
	DATE	EVENT	ENTRANT	CLASS	SCRAMBLE TIME	FACTORED SCORE	SCRAMBLE POINTS
1	5/20/13	SG	Mark Covington	HLG	460	3.83	100
2	5/20/13	2 Min	Todd Reynolds	A-Elec	337	2.81	73
3	5/20/13	2 Min	Don DeLoach	A-Elec	313	2.81	68
4	5/20/13	2 Min	Jerry Murphy	E-36	266	2.22	58
5	5/20/13	SG	Don DeLoach	HLG	254	2.12	55
6	5/20/13	3 Min	Pete McQuade	F1A	180	1.00	26
7	5/20/13	3 Min	Jayce Pivonka	F1B	140	0.78	20
8	5/20/13	2 Min	Jayce Pivonka	P-30	93	0.78	20
9	5/20/13	2 Min	Todd Reynolds	E-36	87	0.73	19
10	5/20/13	2 Min	Don DeLoach	B-Elec	79	0.66	17
11	5/20/13	SG	Todd Reynolds	HLG	76	0.63	17
12	5/20/13	2 Min	Don DeLoach	E-36	63	0.53	14

MAY E36 SCRAMBLE SUMMARY:

5/20/13 MMM E36 MONTHLY SCRAMBLE							
						Best Factored Score =	2.22
	DATE	EVENT	ENTRANT	CLASS	SCRAMBLE TIME	FACTORED SCORE	SCRAMBLE POINTS
1	5/20/13	2 Min	Jerry Murphy	E-36	266	2.22	100
2	5/20/13	2 Min	Todd Reynolds	E-36	87	0.73	33
3	5/20/13	2 Min	Don DeLoach	E-36	63	0.53	24

WESTFAC REPORT- From Don DeLoach

4/25, was the first day of flying. Overcast and cool until noon. Nearly flat calm until about 3.

Very nearly ideal flying conditions

DD and Herb Kothe went one-two in WWI combat. Beautiful flight with my Bristol Scout. Herb was the favorite with his Fokker until he picked up a stall in the final round.

Jimmie Allen and Rubber Stick: again, DD HK one two. Herbs Gollywock flying much better than my new 70% Red Buzzard. We both maxed out. I did 172s flyoff, then herb tried his, looped the model and crashed. Very uncharacteristic. Herb thinks he put the nose lock in upside down.

Golden Age scale: Herb first, DD second (or third?).

Low Wing Trainer: HK first, DD second. Herb got the air and won easily. Mine wandered upwind out of the air.

Thompson Race: DD bombed out when model spun in in first round. Stab warp. Cessna CR2 usually my most reliable steed! Not been the same since taking a bath in an irrigation ditch in Waywayanda, oct 2012.

Today bluebird, sunny, warm, dead calm until noon. Then 5-10 and a bit turbulent. Hot and dusty afternoon.

This was Herbs day: first in OT Rubber cabin. DD second. Herb first in Embryo; DD second.

WW2 in perfect morning air: DD scone, herb third (broken motor). I crashed my Corsair on final round when I flicked the wing off on launch. Stupid me. Very minor damage. Mike Mulligan won with a very nice Tony and 1:40 on final flight (alone).

I redeemed myself quickly with a beautiful max flight on the Corsair in FAC Scale. Sitting in first place currently. That event wraps tomorrow.

MTO combat event. Spent an hour this morning trimming my brand new P-47. Got it dialed in to half torque right before launch. Wound it up for round one
OOS RIP...She was a good bird..



Day 2

Another half day of perfect, almost driftless conditions. Warmer. Over 80. No clouds. Gorgeous until about 12:30 when expected afternoon winds set in.

First mass launch of the day was rubber twins. What a show! Bob Hodes won with Midkiff sea hornet.

Next was Grumman and Midway combined. Herb's new Vindicator looked unbeatable but he broke a motor in the second round. My new Bearcat was flying great too but the prop block shook loose violently on the second round. This vibration transferred to the split stab which shook the TEs off the mount and down. Yes, down. The model bunted from 100ft with nearly full torque. If it was two feet higher or lower the crash would have been much more severe. The inverted landing was amazing and very lucky. It just leveled out and skipped across the ground on the canopy and fin! Wings stayed level and didn't even pop off. Almost no damage. Incredible.

Herb won 2-bit rubber. I elected not to fly when the wind came up after 1pm.

I was second in FAC Scale with my Corsair. It must've been very close as Clint Brooks took first with his Gypsy Moth. We both had max flights but he had 5 more bonus points as a bipe.

I won Modern Mil with the Bearcat with two maxes and a 90. A terrific flyer with which I am delighted.

I also won Dime scale with my chambermaid. One max and a 73. Nearly lost it in the afternoon wind (no chase bike). Two flight total was good

enough to win so I didn't risk a third flight.

I repeated as Grand Champ, Herb close behind. Points were 27-21.

Between us, Herb and I took home 20 trophies including ten firsts. A Colorado conquest!

We had plenty of luck--good and bad. Herb broke two motors in mass launches and crashed once. I crashed twice and lost an airplane. That's Free Flight.

CDs John and Kathy Hutchison did a superb job.

MMM Trophies packed for shipment:



THE FUTURE OF FREE FLIGHT FOR WELL DRESSED SERIOUS YOUNG LADIES



Kiley (Skilly) DeLoach all dressed up for Catapult

KIDS DAY ON THE FIELD



2013 MMM World Cup Entry form



Fill Out, and Mail to:

Jerry Murphy,
9 Via Escondido Valle,
Manitou Springs,
Colorado 80829

\$35 per FAI WC event, and \$15 per AMA, NFFS, & FAI non-WC events. \$50 maximum.
Entries received on or before July 1 shall be \$20 per FAI WC event, and \$10 per AMA, NFFS, and FAI non-WC events. \$35 maximum.

"Checks" payable to MMM, or use PayPal (see Instructions on MMM website)

NOTE: All Juniors, former and current World Champions shall pay no entry fees at this contest!

NAME / AMA#

FAI License: Y ___ N ___ FAI License # _____

ADDRESS

CITY / STATE / ZIP

E-MAIL / CELL #

Circle events entered:

FAI: F1A, F1B, F1C, F1E, F1G, F1H, F1J, FK, FP, F1Q

Glider: HLG, CLG, Classic Towline

Rubber: P-30, (OT Rubber Combo), (Small/Large Nos Rubber) Combo,
(Mulvihill Moffett) Combo. Electric: E-36

Gas: 1/2A, A, B, C, D, 1/2A Classic, AB Classic, CD Classic,
1/4A Nostalgia, Early 1/2A Nostalgia, 1/2A Nostalgia, Nostalgia A,
Nostalgia B, Nostalgia C, MMM Slow Open Power, Vintage FAI Power



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

<i>DATE</i>	<i>EVENT</i>	<i>FEATURE EVENT</i>
<i>JUNE 9</i>	<i>SCRAMBLE !</i>	
<i>JULY 8-12</i>	<i>AMA NATS</i>	<i>MUNCIE, IND</i>
<i>JULY 13-15</i>	<i>FAI 14 ROUNDER</i>	<i>WORLD CUP!!</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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Littleton, Colorado
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