



THE MAX-OUT

Newsletter of the Magnificent Mountain Men

AMA CHARTERED CLUB #177



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or E-mail us at:
themaxout@aol.com

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

2019-03 (May-June)



PONDERINGS DEP'T

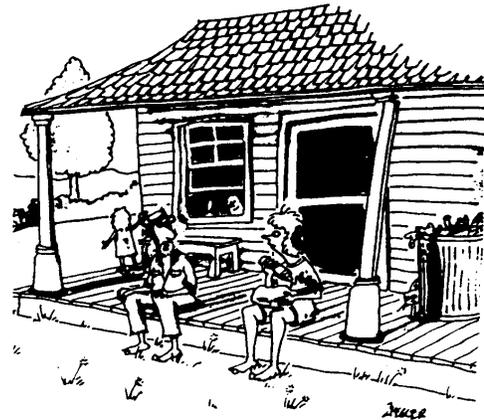
Sadly the April Scramble was a complete blowout... literally. Winds were 18 mph early and then it got windy.

This season's contests are many and if one wants to fly free flight there's plenty of opportunity.

Plenty of interest from new folks in the area and that is good. Please do not forget your MMM Dues either. Initial funding for our contests comes from dues and if the coffers are not full, guess what? Your leadership fronts the money until our bank account fills up.

Help us out!

Plus, there is a push to build the NFFS membership. If you are not a member yet, consider it. The FF Digest is worth it.



"Ma ...sell some more eggs... gas prices are going up! The indoor NATs are in Arizona!

"Ochroma lagopus in perpetuum"

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

"The MAX-OUT" newsletter is printed "periodically" 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
- Newsletter Subscription Only: \$15
- Send \$ to:
Chuck Etherington
33946 Goldfinch Dr.
Elizabeth, CO 80107-7419

MMM Club Officers and Contact List

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Club Points Monitor:

Jeff Pakiz 303-337-9188

Flying Site Oversight:

Chuck Etherington 720-201-6218

Newsletter & Other Stuff:

Rick Pangell 303-798-2188

Operating the club and providing you with great flying opportunities whether indoor and outdoor, it does cost money and we solicit contributions to help offset that cost. You can donate directly to Chuck Etherington or use the MMM Paypal opportunity noted below.

Motorcycle Use on the Field Policy:

*Follow the roads wherever possible
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



John McGrath

Blue blazers? Topsiders?

Though we had a nice St. Patrick's Day Coupe event (some snow on the ground notwithstanding) the April Scramble is really how we mark Opening Day. Though it was scheduled late in the month, the weather was behaving more like March than May and CD Rick Pangell was forced to make the call to cancel. April also gave us the chance to try out our new policy of attempting to reschedule Scrambles rather than cancel them outright, but the stars couldn't align sufficiently to allow us a chance at the following weekend, so it looks like we're 0 for 1 for the 2019 outdoor Scramble season.

Losing that date did afford some of us a chance to keep our noses to the grindstone on some indoor projects. As of this writing we're in between two fantastic contests down at the Round Valley Dome in Eagar, AZ. The usual April contest was superb, with some 25 or so fliers from as far away as California coming out to try the air prior to the US National Indoor FF Championship coming up over Memorial Day weekend. MMM was well

INDOOR NATs:

Coming up, of course is the AMA Indoor NATs, Make the trip! Bring a stopwatch! Don DeLoach and PMAC's Tom Gaylor are sharing major CD duties, with Don doing most of the advance work and Tom looking forward to being the on-site CD.

represented, with not fewer than five of us in attendance: Murphy, Pangell, Romash, Norell, and yours truly. Some of the more memorable things for me were Murphy's superb cat-launched glider flights (straight up a hundred feet, bunting perfectly right there at the top), and getting absolutely schooled in P-18 ops by Hamish and Colleen Chritsie who taught Tom Norell and me all about huge long loops of heavy rubber and the stunning load-carrying capability of a P-18! Tom eventually won it, but only after a pretty serious shift in philosophy!

Also memorable: Another installment of Tom Gaylor's stories about him as a Forward Air Controller (O-1's and O-2's) in Southeast Asia. He tells these stories with amazing humor, given how terrifying some of those situations must have been.

Coming up are the May Scramble/Kid's Contest, with Pete McQuade as CD, then over Memorial Day Weekend, back down to Eagar for the AMA Indoor Free Flight Nationals. Should be a blast! Among other things, there's a new District Team Championship event being held with a brand-new, gorgeous silver cup (the Italiano Cup) on the line.

Lastly, word from Jack Murphy is that preps are coming right along for the Casino Cup (see the Calendar) out in Wendover. The other Murphy--Jerry--took a trip out there last weekend and reports that the flying site is huge! Bigger than Lowry if you can believe that. Should be a great contest, and at only 10 or so hours, it's practically local. (HA--Mountain West humor).
See you at the field,

John

Youth and Newcomers Contest Sunday morning, May 19

Please come out and bring a kid or an adult newcomer with you! It runs from 9:00 am to 11:00 am. (It'll be followed at noon by the May Scramble contest.) There are no age restrictions--adults and kids alike are welcome. Please see the attached announcement. The entry fee is \$5, and each entrant will receive a simple glider and a rubber-powered model to fly.

And please consider coming out to help the kids and newcomers trim their airplanes. It's a very enjoyable, satisfying way to spend a Sunday morning. And, of course, stay for the Scramble!

From Last year!!



Winners of the Catapult Glider event. The muffins given to all participants are only partly responsible for the big smile.

MMM Annual 14 Rounder

Come join us for the MMM's 40th Annual 14-Rounder, Fri-Sun, July 12-14, 2019 in Denver, CO. It's a great time of the year to get away from the summer heat and enjoy flying on a 27,000-acre field with a fabulous view of the Front Range of the Rocky Mountains. Warm days, cool nights, and friendly competition. We'll have a large slate of **FAI, AMA, NFFS, and SAM events**. It's a 3-day Free Flight festival! And we'll have food service available for lunch on Saturday and Sunday. For more details and to register, please see the announcement attached to this e-mail. Note the **early-registration discount** if your registration is received or postmarked no later than June 18, 2019.

For F1A, B, C fliers, it's great practice for the Team Selection Finals next year. (Our format is similar to the Finals—two separate 7-round America's Cup contests, one on



And here we have the winners of the AMA Alpha event Saturday and one on Sunday, plus perpetual trophies for the overall 14-round winners.) F1P, and Q will also be flown in the same format. For F1G, H, J, and S, we'll have 4 rounds each day, plus overall winners. And if you have some older FAI models you don't fly anymore, bring them out for our **Legacy FAI events!**

Friday, July 12, will be devoted entirely to our **F1E World Cup Contest** on our majestic Indian Point hill. The other events will be flown Saturday and Sunday—see the schedule in the attached announcement.

We sure hope to see you in July! CD's Pete McQuade and John McGrath

WENDOVER FIELD !! Prelude to the "1st Annual Casino Cup"

I took an opportunity to meet Jack Murphy and Alan Mecham there to visit the field and fly some.

The field is located in the area of West Wendover NV about two hours west of Salt Lake City on I-80. The field is HUGE, even bigger than our Lowry Range field. The field is totally free of trees and deep gullies. It isn't pool table flat, but is very chase able on even a trail 90 bike. It is a high desert with small bushes and also large areas of short grass. The attached photo gives you an indication of the field.

In addition to being big, flat and chase able it is located less than 10 miles from a real town. The town has four large casinos as well as other motels and stories.

Wendover has a rich aviation history. It was the largest Army Air Corps facility in the country with over 45 thousand troops stationed there. This was also the training site for the "Silver Plated" B-29s, Enola Gay and Bockscar trained there.

So here is the deal. Gather up your models and head to Wendover for a great weekend of free flight. As this is a MMM event you can expect to enjoy a well run contest with experienced CDs.

Thermals,
Jerry Murphy

Jack Murphy at the Wendover field...
wonderful !!



Jack Murphy at the Wendover field...
wonderful !!

WHAM Spring Contest Report:

I went to the WHAM contest at Wellington last weekend and did well, 10 firsts 1 second. Great new field! Two miles long, 1/2 mile wide, surrounded on three sides by unfenced flat fields. Free to use and the city even bought our lunch! Terrific trip. Don

The WHAM Spring contest was held May 4-5 at a new location this year, the Wellington Airport. Chuck Powell is acquainted with the Airport Manager, Matt Wiebe, and he invited us down. Matt was very helpful and gracious and the City of Wellington provided lunch for everyone on Saturday with tasty burgers and hot dogs. The field is great and quite large with open grassy areas in addition to the runways. The weather for Saturday was nearly ideal with moderate temperature and mild breezes. Sunday was a little breezier but still flyable for most, with rain threatening but not appearing during contest hours. The only drawback was that some parts of the field

were muddy due to heavy rains the preceding weeks. This mud caused some slower heavy-booted retrieves and mired no less than three chase bikes. But much of the field was not bad at all and under normal conditions(without very heavy rains), this will

not likely be an issue in the future. We had 17 paying fliers and some youth fliers as well. Don DeLoach came from Colorado and we had folks from Texas, Oklahoma and the Kansas City Area as well. Thanks to Jeff Renz and Don DeLoach for pics

Chuck Powell and P-30



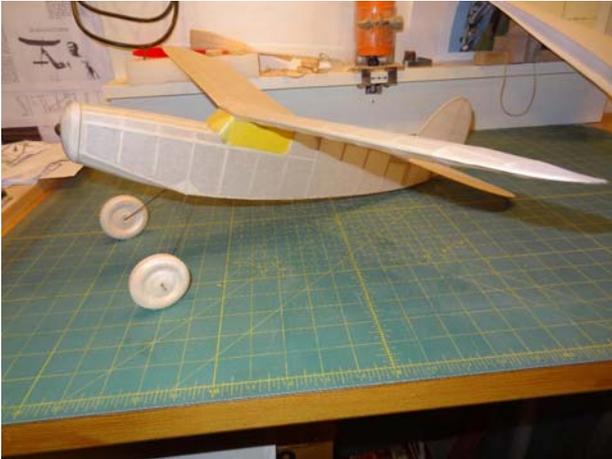
Gorgeous Jimmie Allen Spartan Bomber by Jeff Nisley of KC



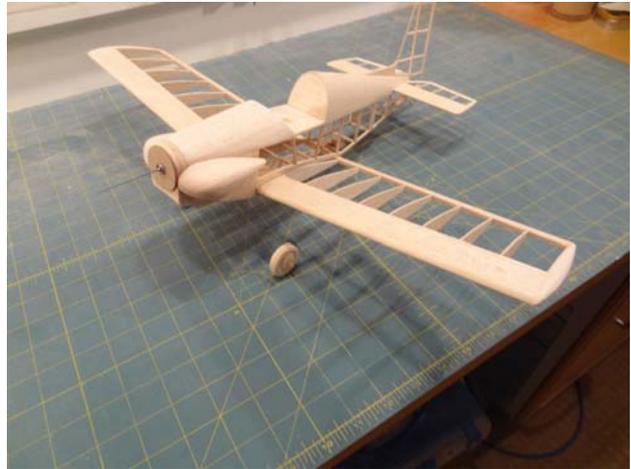
Odd Looking Models...



Bob Miller's new builds



Bob's BA Cabin



Bob's Corby Starlet

Indoor Scrambling

No, not eggs. The kickoff of using scramble scoring worked well. The indoorScramble was created to give "indoorists" something to challenge them. Because there could be many events, I think something like 17, it's difficult to get a head to head event. So, fly your event and fly against the site record and your score is the percentage against that record. Since no site records were defined for Manitou high school, the PPCC records were used... they are in the first column. The results for the first attempt is below. At least it's start!

Scramble Date: April 14, 2019								
Name	Class & Record (sec)	Flight 1 (sec)	Flight 2 (sec)	Flight 3 (sec)	Flight 4 (sec)	Flight 5 (sec)	Score for Best Flight	Place
Darold Jones	P-18 (171)	79	82	36	107	125	73	1st
Chuck etherington	P-18 (171)	82	99	96	68	115	67	2nd
Don DeLoach	Towline (54.4)	34.8	32.1				63	3rd

So, to all my Free Flight Friends, here and abroad.... You are an NFFS member, aren't you? If not, come join us... Be part of the "in" crowd! www.freeflight.org

John Lorbiecki, NFFS President

Looking for Ambroid? Try Ambrulose

Ambrulose is NOT a SUBSTITUTE. It is a true pure Nitrocellulose cement. It was intended to be the same as Ambroid, but a bit more viscous. If you want to thin it out so it is as runny as Ambroid, just use Acetone.

It is sold it on eBay. . I have also been told that it is a bit more viscous than the old Ambroid so some people thin it out about 5% with Acetone. This is perfectly fine since acetone is the major solvent in it.

Ambrulose is made from pure virgin gun-cotton which is stored in IPA to prevent any mishaps. Nitrocellulose cement has Never been nitro proof. But on the other hand neither is any kind of CA glue. Nitro is only one of three solvents which will dissolve CA. Aliphatic and Epoxy is Nitro proof. Even the "great" Methacrylate cements are not nitro proof. Nitro is one of the strongest solvents known. Even stronger than MEK and Acetone. I also fly glow engines and have no issues with using Nitrocellulose cement. I just would not use it on the front end of the fuselage. Fuel should never get to any other sections of the airframe. By the time all the exhaust muck gets on the airframe, all the nitro is long burned off.

Ambroid has only three organic solvents in it. They are ALL hygroscopic. Acetone and Isopropanol are two of them. I got the MSDS from the manufacturer of this Nitrocellulose cement. What makes Ambroid work so well in comparison to other solvent cements, on wood, is that it will absorb the water in wood and will therefore penetrate deeper than the others. Also it is strong, hard but not brittle. One irony of nitrocellulose is that it is in fact more flammable when dry than when it is in solvent form. The material solid, is in fact stored in Isopropanol to reduce its combustion properties. Go figure. This is the main reason the cement actually contains Isopropanol. The other sweet part is that it can be plasticized very easily with vegetable oils. At this point it shrinks a lot less and flows better. When I thin it out to make a coating, the main solvents I use are Acetone (never MEK), Glycol Ether, Butyl Alcohol and Toluene, This really reduces shrinkage and allows easy application even with an airbrush. Unfortunately, once you use Toluene and Butyl Alcohol, it becomes no longer hygroscopic (neither of these two solvents are) and can blush while drying. It also reduces the adhesive properties of the "dope" from its original state. For the average person, Acetone is going to be the only viable solvent for Nitrocellulose. The main difference between Nitrate and Butyrate dope is that Nitrate thinners contain Acetone and Butyrate thinners contain MEK. Unfortunately the average hardware store thinner contains both of these. Also Nitrate thinner contains Toluene while Butyrate contains Xylene. The HW store kind contains both plus petroleum distillates. This is a NO NO for any aviation grade dope thinner. This really reduces adhesive properties but aids in flow characteristics.

Otto Kudrna



Inaugural

CASINO CUP

West Wendover NV
JUNE 15-16 2019
FAI-AMA-NFFS
AMERICAS CUP NATIONAL CUP



- Saturday
- FAI a-b-c-q
- AMA Power, Rubber, Tow Glider -fly either day, must finish same day
- NFFS -fly either day, finish same day
- Glider Pen hlg, clg
- MMM Club Scramble format for singleton class entries (maxes handicapped to 3 minutes). Two Entrants+ in a class constitute a separate event. Run what 'ya brung!!
- Field is approximately 3 miles south of the Wendover Strip west from Highway 93A. Landfill Road runs through the middle of the field.
- Camping along old road running parallel to 93A north of Landfill Road

- Sunday
- FAI g-h-j-p-s*
- AMA Power, Rubber, Tow Glider -fly either day, must finish same day
- NFFS -fly either day, finish same day
- THE BIG DADDY! – F1s/E36 combined, P-30 see separate flyer

\$25 Entry includes 1 event. \$40 unlimited events \$10 additional entry for the Big Daddy. Cash only

Brought to you by the MMM Club
AMA #177 Contest # 7104 Current
AMA membership required.

Contest Directors-

Jack Murphy
jack.murphy@utahhomes.com

Allan Mecham
amecham@comcast.net

2019 Overall Regional MMM Contest Schedule

Paste this into your home calendar so you have anticipation to your travel and build plans!

May 19	MMM May Scramble and Kid's Contest	Lowry Field	Pete McQuade
May 29 - June 2	AMA Indoor Nats/USIC	Round Valley Dome	AMA
June 15-16	Spence Memorial	Hamilton, Texas	Texas Cloud Climbers
June 15-16	1st Annual Casino Cup	Wendover Utah	Jack Murphy Allan Mecham
June 23	MMM Monthly Scramble	Lowry Field – Late day meet 9:00 AM – Sunset	Darold Jones
July 12	FAI World Cup F1E	Indian Point (Lowry Field)	John McGrath
July 13-15	40th Annual MMM 14 Rounder (Note: 15 July is contingency date for F1E.)	Lowry Field	Pete McQuade John McGrath
July 28	MMM Monthly Scramble	Lowry Field	Jerry Murphy
August 5-9	AMA Outdoor Nats/USOC	Muncie Indiana	AMA
Aug 17-18 (est)	Tulsa Glue Dobbers 67th Annual FF Champs	Perry Oklahoma	Bobby Hanford bhantulsa@cox.net
August 18	MMM Monthly Scramble	Lowry Field	Mel Gray
August 31 - September 2	Rocky Mountain Free Flight Champs/FAC Mtn States Scramble/Dynasty Cup	Lowry Field	Don DeLoach Chuck Etherington Mark Covington
September 15	MMM Monthly Scramble	Lowry Field	Mark Covington
September 20-22 (Est)	US FF Champs, Lost Hills		
September 21-22	Texas Cloud Climbers Annual Champs	Hamilton, Texas	Texas Cloud Climbers
October 5-6 (est)	Heart of America Annual Champs	Marion, Kansas	
October 17-22	FAI Outdoor World Champs,	Lost Hills, California	
October 20	MMM Monthly Scramble	Lowry Field	Tom Norell
October 26-27 (est)	Tulsa Glue Dobbers Fall Rally	Perry Oklahoma	Bobby Hanford bhantulsa@cox.net
November 3	MMM 12th Annual Frito Pie Meet	Lowry Field	CD: TBD
Nov 16-17	Simpson Memorial and TGD Fall Contest	Hamilton, Texas	Texas Cloud Climbers

IF YOU HAVEN'T PAID YOUR DUES YET OR WANT TO BE A MEMBER:

JOIN THE MAGNIFICENT MOUNTAIN MEN FREE FLIGHT CLUB HERE

NAME _____ AMA NO _____

STREET ADDRESS _____

CITY/STATE _____ ZIP _____

PHONE (HM) _____ (WK) _____ EMAIL _____

DESIRED STATUS: MEMBER _____ 2019 DUES: \$40.00 includes Newsletter
(CHECK ONE) (Under 16 yrs. old – FREE!)

HARDCOPY NEWSLETTER ONLY _____ 2019 RATE: \$15.00 PER YEAR

SEND THIS FORM AND CHECK PAYABLE TO: MMM CLUB
C/O: CHUCK ETHERINGTON
33946 GOLDFINCH DR.,
ELIZABETH, CO 80107



News Note: 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.*
- *When pre-entering a contest that needs event selection or similar, you still need to send in the pre-registration form to the Contest Directors*

Note, Paypal does charge a fee for this service so if you do use paypal maybe add an extra buck to help us out



FREE FLIGHT WITH AN ALTITUDE!
UPCOMING EVENTS

<i>DATE</i>	<i>EVENT</i>	<i>FEATURE EVENT</i>
May 19	MMM May Scramble and Kid's Contest	Lowry Field
May 29 - June 2	AMA Indoor Nats/USIC	Round Valley Dome
June 15-16	1st Annual Casino Cup	Wendover Utah
June 23	MMM Monthly Scramble	Lowry Field – Late day meet 9:00 AM – Sunset

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**