



Phoenix Model Airplane Club

HAVING FUN WITH MODEL AIRPLANES SINCE 1934 Vol-29 No 4 Apr 2024





Sorry to say this will be a make-shift issue of the newsletter. My main computer that I have been using for the last couple years crashed. The solid state hard drive died so I have turned to my previous computer. Unfortunately It will take time to rebuild many of the spreadsheet tools I used throughout the newsletter. Some of the content will be outdated or missing but I will try to get caught up before the May issue.editor

Contributing photographers, TG - Tom Gaylor, BB - Brigitte Brocks, MM - Myra Morris

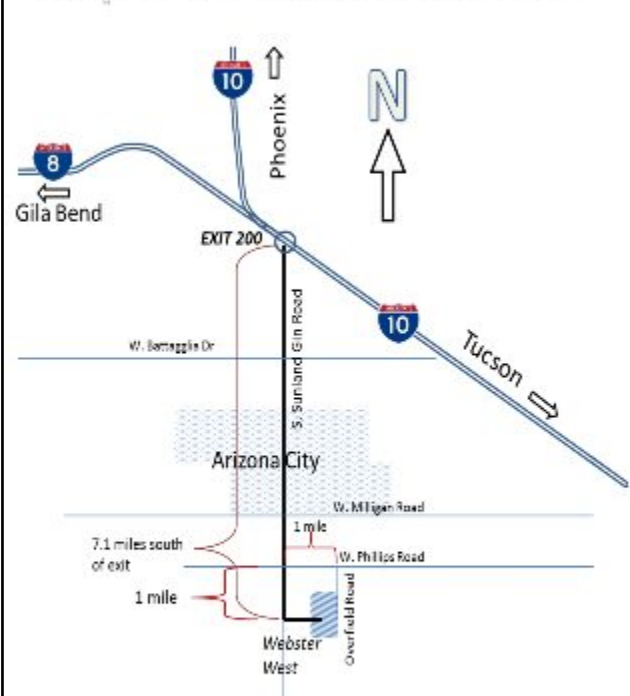
2023 PMAC Officers

- President: Tom Gaylor — wtgaylor1@gmail.com (480) 892-0388
- Vice President: Peter Brocks — brockarizona@cox.net (480) 614-6183
- Secretary: Rich Adams — richard@texasadams.com (817) 676-2166
- Treasurer: Robert Donnelly — offthegridsolutions@gmail.com (623) 377-6632
- Safety Officer: Rich Adams — richard@texasadams.com (817) 676-2166
- Newsletter editor — Bruce Grawburg bgfalcon89@cox.net
- Webmaster — Alan Peterson alan@apetersenpaintings.com

Next Eloy Contest — Apr 7, 2024

Contest Start Time: 8:00 am

Map to Webster West Field



Phoenix Model Airplane Club
Meeting Minutes
16 March 1924

1. Call to Order

Tom Gaylor called the meeting to order at 1215 PM 16 March 1924.

2. Roll Call

Tom Gaylor, Peter Brocks, Robert Donnelly, Jennifer Donnelly, Richard Adams, Kevin McCue, George Morris, Charles Morris, Myra Morris, Mike Bower.

3. Open Issues

Bank Statement was audited and found correct.

4. New Business

a. Tom Gaylor stated we still needed a CD for the April contest and asked for volunteers.

b. Kevin McCue discussed the availability of more advertising if we filed for the Sanctions earlier. He will investigate possible solutions.

c. Kevin McCue made a motion to retain the current club officers. Jennifer Donnelly seconded the motion. The vote was unanimous.

President: Tom Gaylor (no change)

Vice President: Peter Brocks (no change)

Secretary: Richard Adams (no change)

Treasurer: Robert Donnelly (no change)

d. Kevin McCue volunteered to continue as Contest Coordinator.

e. Bruce Grawburg will continue as Newsletter Editor.

5. Adjournment

Tom Gaylor adjourned the meeting at 12:35 PM

Prez Speaks



The Saint Patty's Day Bash contest had excellent weather – again! We have been really fortunate this contest season. Saturday was sunny and cool with light winds, and although it had rained some the day before the field was in good shape. There were ten sign-ups and those contestants had some great flying. I flew a Jetco Eaglet that I built many years ago. I have had many maxes with it in the past. Like many models that have been repaired often, it is a little heavier than it was originally. It is one of the few embryo designs that is equipped with a fuse DT which led to a problem – when lighting the fuse for the third flight, the stab caught on fire! I was able to get the fire out but it burned 2/3 of the tissue off one side of the stab. I wasn't sure it would fly but I decided to launch anyway. It was the best flight – go figure. If you look at the pictures you can see the damage.

Our next contest will be the I-10 challenge on Sunday, April 7th. Following that, the RV Dome indoor contest will be April 19th thru April 21st. On Monday we will assist the middle school science students build and fly Mountain Lions. See you there! We have received our 2024 club charter and the insurance certificates for Webster West. Tom



PMAC March Contest Photos

Photos by Myra Morris



PMAC March Contest Photos

Photos by Myra Morris



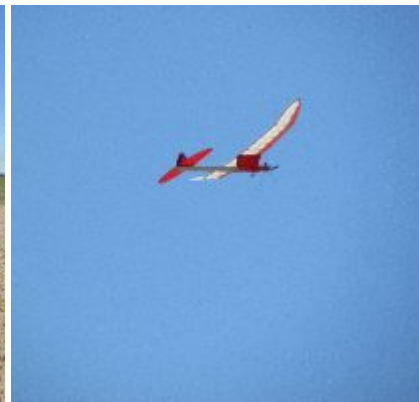
PMAC March Contest Photos

Photos by Myra Morris



PMAC March Contest Photos

Photos by Tom Gaylor



PMAC March Contest Photos

Photos by Tom Gaylor



Colorado's MMM Club (AMA #177) bring you the
18th Pikes Peak Ceiling Climb

AMA Sanctioned Cat. 1 Indoor Free Flight Model Airplane Contest

Sunday, April 7, 2024

Flying site is 25'-3" Manitou Springs High School Manitou Springs, Colorado

Flying Hours: 9:00 a.m. to 6:00 p.m.

Practice & fun flying during the contest is permitted but official flights always have right-of-way. Please exercise courtesy and common sense.

Schedule (subject to adjustment per demand for airspace):

8:30	Doors open
9:00 a.m. – 11:00 a.m.	STATIC JUDGING: FAC Peanut, FAC Jet Catapult Scale.
9:00 a.m. – 11:00 a.m.	GLIDER FLYING <u>ONLY</u> : AMA HLG, AMA Unlimited/Standard Catapult combined, FAC Jet Catapult Scale, Tiny Glider①. No HLG/CLG/Jet Cat flying after 11:00 a.m. Rubber may fly at your own risk during the 9:00-11:00 window, but must yield to Gliders as needed.
11:00 – 6:00 p.m.	RUBBER and TOWLINE: "Wasp" one-design, P-24 Mass Launch (12pm), FAC Peanut Scale, FAC No-Cal Scale, Bostonian 7g, Limited Pennyplane, WWII No-Cal Mass Launch②(1pm), FAC Dime Scale, FAC Phantom Flash 5g, FAC Phantom Flash 5g Mass Launch (2pm), P-18, P-18 Mass Launch (3pm), NFFS Towline Glider③, Greve/Thompson No-Cal Mass Launch④(4pm), F1M, F1L, Easy B, Mini Stick, A-6, F1D. <u>NOTE: if there are enough sub 2-gram rubber models we will announce a lightweight only window from 4:00-6:00.</u>

① Tiny Glider: Score = {total, best 2 of 9 flights} / {wingspan (inches) + 1.0}. Example: 4" span, best two flights 18.1 sec and 21.9 sec., score = {18.1 + 21.9} / {4+1} = {40}/5 = 8.00 points. No size limits. If you want to fly a 40" span glider in 'tiny glider' you may, but the handicap will really hurt you!

② All FAC rules apply plus 7" max prop diameter and minimum empty weight of 6.2 grams. Models must have correct color and markings and must have armament. Combat aircraft only.

③ Now an official NFFS event. Rules at <http://www.freeflight.org>

④ All FAC rules apply except no Hosler Furies. 7" max prop diameter and minimum empty weight of 6.2 grams. Models must have correct color and markings.

The Fine Print:

- Contest Directors: David Aronstein davidaronstein@gmail.com and Don DeLoach, ddeloach@comcast.net 719-964-7117
- Entry fee: \$10 (Junior/Senior: \$5)
- No chairs provided, bring your own table
- Doors open at 8:30 a.m., last launch at 6 p.m.
- Link to AMA rules: https://www.modelaircraft.org/sites/default/files/Indoor_Free_Flight_2022-2023.pdf
- Link to FAC rules: <http://www.flyingacesclub.com/>
- Sorry, no RC flying.
- "Colorado Cup" Grand Champ Trophy to highest scorer in up to 5 pre-selected events (at least 1 of the 5 must be a glider event, otherwise you may choose only 4 rubber events). 5-4-3-2-1 points for 1st, 2nd, 3rd, 4th, 5th place; 1 point deducted for each person fewer than 5 in an event. Minimum 3, 2 points for 1st, 2nd in an event, even if only one or two entered.

SAN VALEERS 75th ANNUAL & 41st ANNUAL 7 ROUNDER

April 11,12,13, & 14th 2024 - LOST HILLS, CA.

AMA Sanction TBD

A NFFS NATIONAL CUP, AMERICAS CUP & AMA AA SANCTIONED CONTEST

AMA CAT II & NOSTALGIA CAT II** (WEATHER PERMITTING)

All AMA and Nostalgia events may be flown any day. Finish clean on all flights & can continue the next day. Thursday-Saturday 8:00am to 5:00pm Sunday 8:00am to 3:00 pm.*

1/2A GAS

A GAS

B GAS

C-D GAS

Super D GAS

E-36

1/2A Golden Age

P-30, HLG, & Catapult

1/2A Nostalgia

A Nostalgia

B Nostalgia

C Nostalgia

Nostalgia Rubber (large & small combined)

Mulvihill Rubber

Andrade Rubber

F1A NORDIC - FIB WAKEFIELD - F1C/F1P POWER- F1Q SATURDAY 8 AM TO 3 PM (7 rounds)

1st Round at 8am, F1A, B, C, P, Q 240 secs. All other rounds 180 secs. Flyoff begins at 4:00pm

F1G – F1H – F1S - F1J SUNDAY 8 AM TO 11:45 Tie breaker flyoff to the ground 7:30 to 8:00 am.

Standard (5 rounds 45 minutes long starting at 8:00 am, 120 sec maxes) 2 FO flights starting at 1:00 pm. If tied after 5 flights and 2 FO flights then tie breaker flight determines winner.

VINTAGE Wakefield

THURSDAY 8:00 am-1:00pm (5 1hr rounds) All flights 180 secs flyoff at 2:00pm

VINTAGE FAI

FRIDAY 8:00 am-1:00pm (5 1hr rounds) All flights 180 secs flyoff at 2:00pm

HUNTER MEMORIAL SUNDAY MORNING (weather permitting)-Sponsored by Mike Thompson

RULES: Any gas free flight airplane. 15 second VTO, 12 second H.L. Highest single flight time (no max) Starts Sunday at sunrise with 1 hr window (start time announced). Entry fee (\$1.00 per flight)

Bud Romak Dawn Patrol shootout events (two separate events) Any rubber or power ship. Engine runs 15 sec VTO or 12 sec H.L. Can be flown 7:00 to 8:00am.Thur, Fri, & Sat \$5.00 entry fee for unlimited flights. Each Winner takes all for their separate rubber or gas event.

****NOSTALGIA** per latest rulebook except motor runs which shall be 10 sec HL, 13 sec VTO for 1st 3 flights, 7sec HL & 9 secs VTO on flight 4 and all additional flyoff flights.

AMA Gas engine runs per latest rulebook i.e. 9 sec first 3 flights, first flyoff flight 7 sec, all other flyoff flights 5 sec

1/2A GOLDEN AGE 1/2 A Models from 1957 to 1969 Engines:TD OR HH .049/.051, motor runs same as Nostalgia

MERCHANDISE AWARDS (engines, kits, fuel, wood, \$\$\$, etc)(requires 3 contestants min)

Raffle Prize "K & B 3.5" donated by Tom Scully (1 ticket for each event entered, or \$3 ea, or \$5 for 2, or \$10 for 5)

* Any AMA record attempt must be completed on the same day you start an event.

AMA/NOST CD: Terry Thorkildsen (805) 495-6135 ALT CD Guy Menanno (818) 932-8375
FAI CD Terry Kerger (626) 260-6292

AMA & Nostalgia: 1st event: \$10.00, Additional events: \$5.00 per event or \$35 unlimited entry, JRS FREE, FAI events: 1st event \$20 and additional events \$10.

"JUST BRING YOUR MODELS AND SLEEPING BAG AND HAVE FUN"



SCAMPS & SCIFS Texaco

April 13th & 14th 2024 – Lost Hills, CA

---Run in Conjunction with the San Valeers Club Annual---

Saturday: 7:30 AM to 4:00 PM. Sunday: 7:30 AM to 3:00 PM.

****** Any event can be flown on either day, do not have to finish same day! ******

1/2 A Texaco

(8cc fuel, best one of three official flights, 7:30 AM to 10:30 AM any glow IC engine .051 or smaller)

Gas Scale

O.T. Small Rubber Fuselage

(3-minute max)

O.T. Large Rubber Stick

(5-minute max)

.020 Replica

(Engine run is 12 sec. HL, 15 sec. ROG, 3 minute max)

Pee Wee Antique

(2.2cc fuel, best of three official flights, any .024 or smaller IC engine)

**** 1/4 A Nostalgia**

***OT HL/CL Glider can be launched overhand, discuss or catapult. No modifications can be made the plan form other than a hook added for catapult launch. Modifications for DT okay as long as plan form is adhered to. No Scaling. For Catapult launch, a 9" loop of 1/4" rubber may be used on a 6" stick (two 9" loops of 1/8" rubber may be used). Up to 9 launches for 3 two minute maxes. If you have 3 maxes, fly till you drop a flight.

****All Nostalgia Events, (10 Second Hand Launch, 13 Second VTO or ROG, then 7&9 seconds), 3 minute Max**

*SAM Power events to be flown using SAM Rules. 20 Second engine run hand-launch, 25 seconds R.O.G. 5 Minute maxes (weather permitting). Rubber ties will be broken by increasing Max times (weather permitting)

\$5 entry per event. Cash prizes 1st through 3rd, \$5 for each person you beat in the event.

CD - SCAMPS, Daniel Heinrich (909) 223-7643 AeronutD@CS.com

Dawn Patrol Texaco

(7:30 AM to 10:30 AM, best of 2 official flights 1/4 ounce of fuel per pound of model)

30 Second Antique

O.T. Small Rubber Stick

(3-minute max)

O.T. Large Rubber Fuselage

(5-minute max)

***A/B/C Fuselage**

***A/B/C Pylon**

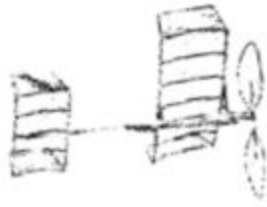
*****Old Time HL/CL Glider**

Twin Pusher Mass Launch (Sunday 8:30)

****Electric Nostalgia**



Round Valley Dome



April 19 - 21, 2024

THE ROUND VALLEY DOME INDOOR CONTEST EAGAR, ARIZONA
APRIL 20th & 21st, 2024 - 8:00 A.M. to 5:00 P.M. BOTH DAYS

In addition, we have Friday the 19th as a practice day
from 9:00 A.M to 5:00 P.M.

LIST OF EVENTS

A-ROG
F1D
F1L
FIM
OPEN PENNY PLANE
LIMITED PENNY PLANE
EZB
A-6
MINI STICK
HLG
CATAPULT GLIDER
UNLIMITED CATAPULT GLIDER
P 18
FAC DIME SCALE
NO-CAL SCALE
NO-CAL SCALE WW-II Mass Launch
INDOOR TOWLINE GLIDER
PHANTOM FLASH
WW-I DIME SCALE Mass Launch
JET CATAPULT
ELECTRIC
EMBRYO
FAC PEANUT



Entry fee is \$60, no matter how many events you fly. We will determine the event schedule on Friday depending on the weather. Clouds

or sunshine make a difference with conditions inside the dome. Lots of floor area. 400' X Cat. III No Cal Mass launch at noon on Sunday. We plan on being flexible on the event schedule depending on what models show up. We will assist the students build and fly Mountain Lions on Monday



For info contact; TOM GAYLOR
(602) 510-9898 cell
wtgaylor1@gmail.com

2024 Contest Schedules

South West Regionals January 13-15 2024 Eloy, Arizona

Rev B Start Time May, Sept: 7:30 am All others: 8:00 am	2024 PMAC Outdoor Contest Schedule Eloy AZ										Round Valley Indoor Contest		
	Webster West Field												
	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	Nat'l Cup	America & National Cup		P r a c t i c e	Events Either Day F1D, F1L, F1M, F1R Open Penny Plane Uh Penny Plane, EZB, A6, Minstick, HLG, Cat Glider, Uh Cat, P-18, Dime Scale, FAC Nocal Mass Launch	
	President's Cup	St Patty's Bash	I-10 Challenge	Armed Forces Day	Fall Kick-off	Ghost Riders	Armed Forces Memorial	Arizona Free Flight Championships		Fri			Sat
Sun	Sat	Sun	Sat	Sun	Sat	Sun	Sat	Sun	Apr 19	Apr 20			Apr 21
GAS/ELECTRIC EVENTS													
AMA 1/2 A GAS	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)				MONDAY 4/22/2024 Student Build and Fly Mountain Lions
AMA A/B GAS	X	X	X	X	X	X	X	X	A	B			
AMA C/D GAS	X	X	X	X	X	X	X	X	D	C			
AMA Classic 1/2A Gas	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)		(Jr) (SA)*			
AMA Classic AB Combo	X	X	X	X	X	X	X	X	AB				
AMA Classic CD Combo	X	X	X	X	X	X	X	X		CD			
NOS 1/2 A	X	X	X	X	X	X	X	X	X				
NOS 1/2 A GAS	X	X	X	X	X	X	X	X			X		
NOS A GAS	X	X	X	X	X	X	X	X	X				
NOS B/C GAS Combo	X	X	X	X	X	X	X	X	C	B			
NOS Early 1/2 A Gas	X	X	X	X	X	X	X	X		X			
OT .020 REPLICA	X	X	X	X	X	X	X	X	X				
OT GAS COMBO	X	X	X	X	X	X	X	X			X		
ELECTRIC AB COMBO	X	X	X	X	X	X	X	X	Bec-A	Bec-B			
ELECTRIC 36 / 20 Combo	X	X	X	X	X	X	X	X	E-36	E-20			
Rubber Events													
P-30	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	X				
NOS RUB, Lg & Sm Combo	X	X	X	X	X	X	X	X	Nos Rub Sm	Nos Rub Lg			
OT Fus Combo Rubber	X	X	X	X	X	X	X	X	X				
OT Stick Combo Rubber	X	X	X	X	X	X	X	X			X		
Mulvihill / Andrade Combo	X	X	X	X	X	X	X	X			X		
Moffet	X	X	X	X	X	X	X	X			X		
FAI Events													
F1A/F1B/F1C/F1R/F1Q Combo	X	X	X	X	X	X	X	X	F1A,B,C,P,Q				
F1G/F1H/F1J/F1S Combo	X	X	X	X	X	X	X	X		F1G,H,J,S			
Vintage FAI Power	X	X	X	X	X	X	X	X	X				
GLIDER EVENTS													
H. L. GLIDER	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)				
CAT GLIDER	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)			(Jr) (SA)		
CLASSIC GLIDER	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)	(Jr) (SA)			(Jr) (SA)		
FAC Events													
Embryo	X	X	X	X	X	X	X	X	X				
Jimmy Allen / 2 Bit + 1 combo	X	X	X	X	X	X	X	X					
OT rubber stick/fus Combo	X	X	X	X	X	X	X	X	X				
FAC 1/2 Wakefield	X	X	X	X	X	X	X	X	X				
Jet Catapult	X	X	X	X	X	X	X	X			X		
Contest Directors													
	Mecham	Morris							Brocks & Gaylor			Gaylor	
Contest Classification													
	A	A	A	A	A	A	A	A	AA	AA		A	

Note: All one day contests will be flown in combined categories. Anything you bring to the field can be flown in one of 7 categories
 *For national cup points, junior AMA A & Classic 1/2A Gas are combined Contest End times May & Sept = 2:00 pm



KEARSKUSTOMHOBBY

"TEAM SATELLITE"

Ken & Mary Kear



Email: kearskustomhobby@yahoo.com

Phone: (H) 480-854-3163 MST

As you probably know we are manufacturing the Satellite free flight model in all sizes.

We are also in the process of stocking balsa, aircraft plywood, some specialty hard woods and exclusively Satellite City CA glue products.

We consider ourselves a specialty mail-order shop.



April 2024

S	M	T	W	T	F	S
	1	2	3	4	5	6
7 Eloy Contest	8	9	10	11	12	13
14	15	16	17	18	19	20 RVD Contest
21 RVD Contest	22	23	24	25	26	27
28	29	30				