



2020 NATIONAL AEROMODELING CHAMPIONSHIPS

MAY 27 - 31 • ROUND VALLEY DOME •
EAGAR/SPRINGERVILLE, ARIZONA



Wednesday 5/27		Thursday 5/28		Friday 5/29		Saturday 5/30		Sunday 5/31	
HLG (JS)(A), Std. Catapult Glider (JS)(A), Unlimited Cat. Glider (JS)(A), F1N, FAC Jet Catapult Scale.	7-8	HLG (JS)(A), Std. Catapult Glider (JS)(A), Unlimited Cat. Glider (JS)(A), F1N, FAC Jet Catapult Scale. Mass Launch: Standard Catapult [11 am].	7-8	F1M, Ltd. Pennyplane (JS)(A), Pennyplane, A-6 (JS)(A), Manhattan, Electric, NFFS Towline, FAC Scale, FAC Peanut (JS)(A), FAC Hi-Wing Peanut, FAC Dime Scale, FAC Embryo, FAC Golden Age, FAC No-Cal (JS)(A), FAC 5g Phantom Flash, Coconut Scale, USIC No-Cal, AMA Bostonian, P-18 (JS)(A), P-24. Mass Launches: FAC WWII No-Cal [10 am], FAC Greve/Thomp. No-Cal [11 am], P-24 [12 pm, FAC Low Wing Military Trainer [1 pm].	7-8	F1M, Ltd. Pennyplane (JS)(A), Pennyplane, A- 6 (JS)(A), Manhattan, Electric, NFFS Towline, FAC Scale, FAC Peanut (JS)(A), FAC Hi-Wing Peanut, FAC Dime Scale, FAC Embryo, FAC Golden Age, FAC No-Cal (JS)(A), FAC 5g Phantom Flash, Coconut, USIC No-Cal, Bostonian, P-18 (JS)(A), P-24. Mass Launches: FAC Greve/Thom. [10 am], FAC WWII [11 am], FAC Phantom Flash 5g [12 pm], P-18 (JS) [1 pm], P-18 (JSA) [2 pm]	7-8	FAC Scale, FAC Peanut (JS)(A), FAC Hi-Wing Peanut, FAC Dime Scale, FAC Embryo, FAC Golden Age, FAC No-Cal (JS)(A), FAC 5g Phantom Flash, Coconut Scale, USIC No-Cal, AMA Bostonian, P-18 (JS)(A), P-24. Mass Launches: P-18 [10 am], FAC WWI [11 am], Coconut [12 pm], FAC Flying Horde [1 pm].	
	8-9		8-9		8-9		8-9		
	9-10		9-10		9-10		9-10		9-10
	10-11		10-11		10-11		10-11		10-11
	11-12		11-12		11-12		11-12		11-12
	12-1		12-1		12-1		12-1		12-1
	1-2		1-2		1-2		1-2		1-2
2-3	2-3	2-3	2-3	2-3					
F1D (JS)(A), F1R, Int. Stick, Hand Launched Stick, ROG Cabin, Easy B, A- ROG, Ministick, F1L, Helicopter, Ornithopter.	3-4	F1D, F1R, Int. Stick, Hand Launched Stick, ROG Cabin, Easy B, A- ROG, Ministick, F1L, Helicopter, Ornithopter. Mass Launch: Ministick [6 pm].	3-4	F1D, F1R, Int. Stick, Hand Launched Stick, ROG Cabin, Easy B, A-ROG, Ministick, F1L, Helicopter, Ornithopter.	3-4	F1M, Ltd. Pennyplane (JS)(A), Pennyplane, A-6 (JS)(A), Manhattan, Electric, NFFS Towline	3-4	F1M, Ltd. Pennyplane (JS)(A), Pennyplane, A-6 (JS)(A), Manhattan, Electric, NFFS Towline	
	4-5		4-5		4-5		4-5		
	5-6		5-6		5-6		5-6		5-6
	6-7		6-7		6-7		6-7		6-7
	7-8		7-8		7-8		7-8		7-8
	8-9		8-9		8-9		8-9		8-9
	9-10		9-10		9-10		9-10		9-10
<i>All events: Junior/Senior/Adult combined unless otherwise noted.</i>									

3/12/20 v1.2

Flying Site: Round Valley Dome is 440' in diameter and encompasses 189,000 sq. feet. The ceiling height is 104' at the peak and 99' at the 10-meter circle, making it an AMA Category III. It has three large skylights providing ample natural light. Sunrise on 5/30 is 5:06 a.m., sunset is 7:23 p.m.

Mentor-led model building classes for beginners and kids: Catapult gliders - Wed, 5/27 4:00-5:30 p.m.; P-18 (rubber power) - Thurs. 5/28 3-4 p.m. and Fri. 5/29 3-4 p.m. Cost of each session: \$10, includes kit models you may fly the rest of the Nats, then take home.

Official Flying: Note color-coded launch windows. Official flights in a given event must be made within its colored window ONLY. Need not finish event on same day started.

Test Flying: All model types may be flown at any time during the contest beyond the 10-yard lines toward endzones. The ceiling is about 50 feet high at the 10-yard lines.

Table lighting: Bring your own lamps, extension cords, and power strips.

Tables: There are about 15 tables plus chairs available on a first come, first served basis. If you are driving to the Nats please plan to bring personal tables and chairs.

Dome Lighting: Dome lighting will not be turned on, but NFFS has purchased two high powered flood lights for evening events. Flyers should provide their own work area lighting.

Steering: Helium will be available for a fee.

Static Judging: FAC Jet Catapult Scale - 5/28, 8-9 am. FAC Scale, FAC Peanut, Hi-Wing Peanut, Bostonian, and Coconut - 5/29, 3-5 p.m.

Turf: If field turf is in place ROG events will use tables for ROG, or may be hand-launched

(CD's discretion).

USIC No-Cal Rules: All FAC No-cal rules apply. In addition, empty weight of model no less than 6.2g, flight scoring is best single flight of 5 officials, 20 second minimum.

FAC No-Cal Mass launches: All FAC No-cal rules and Mass Launch rules apply. In addition, empty weight of model no less than 6.2g, and 7" maximum prop diameter.

Rubber Mass Launches: SPECIAL PROTOCOL FOR THE NATS - There will be no signal to wind for the first round. Be wound and ready to launch at the appointed time in the center of the arena. Two rounds maximum in FAC events (approval was granted by FAC-GHQ); single round in all others.

P-24 Condor One-Design: The model must be built according to original Don Mace plan. A 7-inch prop must be used with no alteration (clay or tape may be used for balance). The prop shaft may be lengthened. Minimum empty weight is 11.5 grams. Japanese tissue must be used for covering. Tip dihedral must be 1-3/4 inches. The distance between the front hook and the rear motor hook must be a maximum of 17 inches. The same motor must be used throughout the competition. If the motor breaks it can be retied. The last five planes to land from the mass launch will have a fly-off for a winner.

Coconut Scale Rules: Recognizable rubber powered scale model with minimum 36" wingspan (monoplanes) or 30" (multi-wings). Mooney scale judging from a 10-foot distance. Mooney flight rankings, ROG, best single of three flights. One ounce minimum weight (less rubber). Tiebreaker: best static ranking. (Note: Coconut and Coconut Mass Launch have each been granted Kanone status.

Awards: GREY~2:30 p.m. 5/28; YELLOW~10:30 p.m. 5/29; ORANGE&GREEN~12:30 p.m.

5/31; BLUE~5:30 p.m. 5/31

Adult Grand National Champion: Choose up to 6 events before flying any. Three must be official AMA events. 5-4-3-2-1 points for 1st-2nd-3rd-4th-5th place. Tiebreaker: points scored in all other events apart from your Grand Champ selections.

Youth (Junior/Senior) Grand National Champion: Choose up to 6 events before flying any. At least 3 must be official AMA events. 5-4-3-2-1 points for 1st-2nd-3rd-4th-5th place. Tiebreaker: points score in all other events apart from GC selections.

Rubber Category Champion: Need not make event selections before you fly. Unlimited number and any mix of AMA, FAI, NFFS, FAC rubber events; 5-4-3-2-1 scoring.

Glider Category Champion: Need not make selections before you fly. Unlimited number and any mix of AMA, FAI, NFFS, FAC glider events; 5-4-3-2-1 scoring.

FAC Category Champion: Need not make event selections before you fly. Unlimited number and any mix of FAC events; 5-4-3-2-1 scoring.

Lunch will be catered each day by Avery's BBQ. Sign up on site with Jerry Murphy.

Accommodations (all within 5 minutes of the flying site): Rode Inn & Suites 866-538-0154, and E Jo Motor Inn 866-925-9754 (mentioned AMA for \$74 rate), Reed's Lodge 844-387-9551, Best Western 866-925-7881. FREE camping about 10 miles south of town at the ranch of Harold and Jane Swartz, 602-490-0323, <gosolarjane@gmail.com>.

Registration and Entry: AMA website, <modelaircraft.org>.

Contacts: Tom Gaylor, Event Director, <wtgaylor1@gmail.com>; Don DeLoach, Contest Manager, <ddeLoach@comcast.net>.