2019 AMA/NFFS Indoor Free Flight Nationals
May 29 - June 2 • Round Valley Dome • Springerville, Arizona

Wednesday		Thursday		Friday		Saturday		Sunday	
5/29/19		5/30/19		5/31/19		6/1/19		06/02/2019	
			6-7	F1M, Limited Pennyplane, Pennyplane, A-6, Manhattan Cabin, Electric, NFFS Towline, FAC Scale , FAC Peanut, FAC Hi-Wing Peanut, FAC Dime Scale, FAC Embryo, FAC Golden Age combined, FAC No-Cal, FAC Phantom Flash, Coconut Scale, Mooney Bostonian, USIC No-Cal, AMA Bostonian, P-18, P-24. *Mass Launches:* FAC WWII No-Cal [10 am], FAC Greve/Thomp. No-Cal [11 am], P-24 [12 pm].	6-7		6-7	FAC Scale , FAC Peanut, FAC Hi-Wing Peanut, FAC Dime Scale, FAC Embryo, FAC Golden Age combined, FAC No-Cal, FAC Phantom Flash, Coconut Scale, Mooney Bostonian, USIC No-Cal, AMA Bostonian, P-18, P-24. *Mass Launches:* P-18 [9 am], WWI [10 am], Coconut [11 am].
		HLG, Standard Catapult, Unlimited Catapult, F1N, FAC Jet Cat. Scale.	7-8		7-8	F1M Limited Pennyplane, Pennyplane, A-6, Manhattan Cabin, Electric, NFFS Towline	7-8	
			8-9		8-9		8-9	
			9-10		9-10		9-10	
			10-11		10-11		10-11	
			11-12		11-12		11-12	
			12-1		12-1		12-1	
Pre-registration, contestant packet pickup in Tom's RV, Dome parking lot.	1-2	F1D, F1R, Int. Stick, Hand Launched Stick, ROG Cabin, Easy B, A-ROG, Ministick, F1L, Helicopter, Ornithopter. *Mass Launch:* Ministick [6 pm].	1-2	F1D, F1R, Intermediate Stick, Hand Launched Stick, ROG Cabin, Easy B, A-ROG, Ministick, F1L, Helicopter, Ornithopter.	1-2	FAC Scale , FAC Peanut, FAC Hi-Wing Peanut, FAC Dime Scale, FAC Embryo, FAC Golden Age combined, FAC No-Cal, FAC Phantom Flash, Coconut Scale, Mooney Bostonian, USIC No-Cal, AMA Bostonian, P-18, P-24. *Mass Launches:* FAC Greve/Thomp. [3 pm], FAC WWII [4 pm], FAC Phantom Flash [5 pm], FAC Flying Horde [6 pm].	1-2	F1M, Limited Pennyplane, Pennyplane, A-6, Manhattan Cabin, Electric, NFFS Towline
	2-3		2-3		2-3		2-3	
	3-4		3-4		3-4		3-4	
HLG, Standard Catapult, Unlimited Catapult, F1N, FAC Jet Cat. Scale.	4-5		4-5		4-5		4-5	
	5-6		5-6		5-6			
	6-7		6-7		6-7			
	7-8		7-8		7-8			

V2.1

The Flying Site: Round Valley Dome 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.).

Official Flying: Study color-coded launch windows carefully. Official flights in a given event must be made within it's 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 and walls behind the endzones. The ceiling is about 50 feet high at the 10-yard lines.

Table lighting: Bring your own lamps, long 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 your personal tables and chairs.

Dome Lighting: Test flying may be available after 8 pm. If you plan to fly after dark you must provide your own spotlights, headlamps, flashlights, etc.

Steering: Helium will be available for a fee.

Static Judging: FAC Jet Catapult Scale - 5/30, 8-9 am. FAC Scale, FAC Peanut, Hi-Wing Peanut, Bostonian, Mooney Bostonian, and Coconut - 5/31, 1-3 pm.

Turf: If field turf is in place ROG events will use tables for ROG, or may be hand-launched (CD's discretion).

Mooney 14-g Bostonian: Eligible designs: Back Bay Bellanka, Hyanis Helio, Revere Speedster, Nieuport Beech, Boston Found, Plain Jamaica Plane, Old Howard, Bostonian Beaver. All AMA rules apply, plus 14g minimum weight, and no deviations from plan except rear hook may be moved and any 6" prop used. Original airfoils and wood sizes must be retained and surfaces double covered. This event has been granted Kanone status by FAC-GHQ.

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.

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.

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 by FAC-GHQ.)

Awards: *GREY* ~1:30 p.m. 5/30; *YELLOW* ~8:30 p.m. 5/31; *GREEN* ~12:30 p.m. 6/2; *BLUE* ~5:30 p.m. 6/2.

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.