

JURY REPORT

ON FAI OPEN INTERNATIONAL WORLD CUP SPACE MODELS COMPETITION

Competition and competition classes scheduled	Arizona Cup 2025 (FAI Spacemodeling World Cup) S4A, S6A, S7, S9A, S8P (Open International Event) S2/P, S8D
Date and venue	Held from 27 February 2025 through 2 March 2025 at TIMPA field in Tucson, Arizona, USA
Organizer	National Association of Rocketry USA
Participating countries	USA (Eastern, Central, Mountain, Pacific Time Zones), Canada, Slovenia, Croatia
Names and nationalities of FAI Jury members	1. Taras Tataryn (Canada), Jury President 2. Dr. Steve Kristal (USA) – all but S7 3. Kevin Johnson – all but S4A 4. Brian Muzek (USA) S4A, S7
Schedule of competition	Thursday, 27 February Contestant's Meeting/Model Check In 20:00 21:00 Friday, 28 February S4A, S6A, S9A Model Check in 7:00 12:00 730 – 830 S4A Round 1 830 – 930 S4A Round 2 930 – 1030 S4A Round 3 1030 – 1130 S9A Round 1 1130 – 1200 Lunch 1200 – 1300 S9A Round 2 1300 – 1400 S6A Round 1 1400 – 1445 S6A Round 2 1445 – 1530 S6A Round 3 Saturday, 1 March 700 – 800 S2P/S8P Model Check In 730 - 930 S7 Round 1 930 - 1100 S7 Round 2 730 – 8:30 S2/P Round 1 830 – 9:30 S2/P Round 2 930 – 1100 S2/P Round 3 1230 – 1300 Lunch Break 1300 – 1700 S8P 1830 – 2030 Awards Ceremony
Duration of rounds	All event rounds 60 minutes except S6A (45 minutes), last round of S2P (90 minutes)
Breaks between rounds	None except for 30 minute lunch break
Maximum duration in each round	60 minutes except S2P final round 90 minutes
Interruptions and delays	None
Weather and visibility	Clear skies. Temperature ranged from 6-25 C. High winds forced postponement from Saturday afternoon to 0730-1000 on Sunday morning, March 2.
Flight line - changes of position	None

Number of launching sites	Twelve – Misfire Alley system used with Firing Control systems provided by competitors
Number of competitors per launching site/class	S2P Senior:1 S22P Junior: 9 S4A Senior: 5 S4A Junior: 6 S6A Senior: 11 S6A Junior: 16 S8P Senior: 30 S8D Junior: 3 SENIORS DECIDED NOT TO FLY S7 Senior: 5 S7 Junior: 1 S9A Senior: 8 S9A Junior: 9
Local rules or deviations from the Sporting Code	Common motor box used for S4A, S6A, S9A, S8P. Only motors previously certified by NAR for use in USA containing no more than 30 gm of propellant per motor were permitted; all requirements of FAI Code were followed.
Alteration of the schedule	S8P/S8D moved from Saturday afternoon to Sunday morning due to high winds.
Any additional sporting activity	National Association of Rocketry “National Rocketry Competition” (NRC) meet ran concurrently
Observations on time-keeping and judging	Timers in general accordance of contest guidelines. Adrel altimeters were used and data was filtered with Adrel Windows 10 software
Comments on ground facilities	Outstanding – facility had paved launch areas, covered work tables and multiple flush toilets on site.
Prize-giving and issue of results	Done based upon events and round flown. Locally produced awards given
Any incident or accidents	None
Protests	None
Comments on accommodation, food, entry fees and other expenses	Excellent. Common motor box used for event. Entry fee \$50 included motors for all events except S2/P and S7.
Final comments and evaluation of the contest	Great sportsmanship, unfortunate weather causing rescheduling of rounds of the event. In addition to competitors from Canada, there were USA competitors from four different time zones. Closing ceremony featured F16 flyover by Major Cody Steele.

Arizona Cup 2025
Tucson, Arizona, USA
02 March, 2025

FAI Jury:









Mr. Taras Tataryn (Canada) President

Dr. Steve Kristal (USA) – all but S7

Mr. Kevin Johnson – all but S4A

Mr. Brian Muzek (USA) S4A, S7