

# JURY REPORT

## ON FAI OPEN INTERNATIONAL WORLD CUP SPACE MODELS COMPETITION

Competition and competition classes scheduled	Arizona Cup 2024 (FAI Spacemodeling World Cup) S4A, S6A, S7, S9A, S8P (Open International Event) S2/P
Date and venue	Held from 1 March 2023 through 2 March 2023 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	<ol style="list-style-type: none"> <li>1. Taras Tataryn (Canada), Jury President</li> <li>2. Dr. Steve Kristal (USA)</li> <li>3. Brian Muzek (USA) S2P, S4A, S6A, S7</li> <li>4. Jim Filler (USA) S8P</li> <li>5. Pat McCarthy (S9A)</li> </ol>
Schedule of competition	<p>Thursday, 29 February Contestant's Meeting/Model Check In 20:00 21:00</p> <p>Friday, 1 March 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</p> <p>Saturday, 2 March 700 – 800 S2P/S8P Model Check In 730 - 930 S7 Round 1 930 - 1130 S7 Round 2 930 – 1030 S2/P Round 1 1030 – 1130 S2/P Round 2 1130 – 1200 Lunch Break 1230 – 1300 S2/P Round 3 1300 – 1700 S8P</p> <p>1830 – 2030 Awards Ceremony</p>
Duration of rounds	All event rounds 60 minutes except S6A (45 minutes), last round of S2P (30 minutes)
Breaks between rounds	None except for 30 minute lunch break
Maximum duration in each round	60 minutes
Interruptions and delays	None
Weather and visibility	Clear skies. Temperature ranged from 6-25 C.
Flight line - changes of position	None

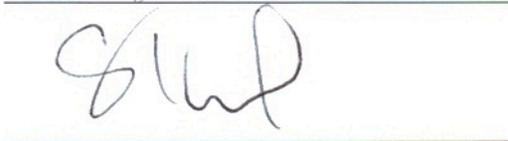
Number of launching sites	Ten – Misfire Alley system used with Firing Control systems provided by competitors
Number of competitors per launching site/class	S2P Senior:2    S22P Junior: 3 S4A Senior: 7    S4A Junior: 5 S6A Senior: 10    S6A Junior: 7 S8P Senior: 2 S7 Senior: 4    S7 Junior: 1 S9A Senior: 8    S9A Junior: 6
Local rules or deviations from the Sporting Code	Common motor box used for S3A, 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	None
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	Good
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 \$40 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.

Tucson, Arizona, USA  
03 March, 2024

FAI Jury:



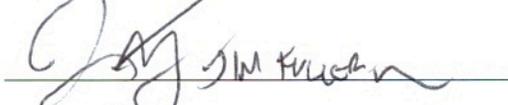
Mr. Taras Tataryn (Canada) President



Dr. Steve Kristal (USA)



Brian Muzek (USA) S2P, S4A, S6A, S7



Jim Filler (USA) S8P



Pat McCarthy (S9A)