

JURY REPORT

ON FAI OPEN INTERNATIONAL WORLD CUP SPACE MODELS COMPETITION

Competition and competition classes scheduled	Arizona Cup 2022 (FAI Spacemodeling World Cup) S4A, S6A, S7, S9A, S8E/P (Open International Events) S2/P, S1B
Date and venue	Held from 3 March 2023 through 5 March 2023 at TIMPA field in Tucson, Arizona, USA
Organizer	National Association of Rocketry USA
Participating countries	USA, Canada
Names and nationalities of FAI Jury members	<ol style="list-style-type: none">1. Taras Tataryn (Canada) President2. Matt Steele (USA)3. Michael Nowak (USA)
Schedule of competition	<p>Thursday, 2 March Contestant's Meeting/Model Check In 20:00 21:00</p> <p>Friday, 3 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 S9A Round 2 1400 – 1500 S6A Round 1 1500 – 1600 S6A Round 2 1600 – 1700 S6A Round 3</p> <p>Saturday, 4 March 700 – 800 Model Check In 730 – 830 S7 Round 1 830 – 930 S7 Round 2 930 – 1030 S2/P Round 1 1030 – 1130 S2/P Round 2 1130 – 1200 Lunch Break 1200 – 1300 S2/P Round 3 1300 – 1400 S1B Round 1 1400 – 1500 S1B Round 2 1500 – 1600 S1B Round 1</p> <p>Sunday, 5 March 900 - 1200 S8E/P 12:15 Awards Ceremony</p>
Duration of rounds	All event rounds 60 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 1° – 15° 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	S2/P Senior 5. S1B Senior 2 S4A Senior 6 S4A Junior 3 S6A Senior 10 S6A Junior 5 S8P Senior 2 S7 Senior 2 S9A Senior 12 S9A Junior 3
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	On Friday eliminated Round 3 of S9A due to increasing wind conditions; On Saturday morning, S7 and S2P were flown concurrently due to the cold conditions; only two S1B rounds were flown due to lack of entries for third round, S8E/P and Award Ceremony were moved to Saturday afternoon to allow participants to leave for home Sunday morning.
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. We were able to secure a Canadian S7 judge (Peter Cook), so S7 could be an official event.
Comments on ground facilities	Excellent
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
04 March, 2023

FAI Jury:

Mr. Taras Tataryn (Canada) President

Dr. Michael Nowak (USA)

Mr. Matt Steele (USA)