

# JURY REPORT

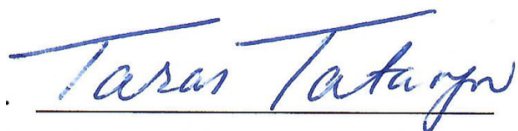
## ON FAI OPEN INTERNATIONAL WORLD CUP SPACE MODELS COMPETITION

Competition and competition classes scheduled	Galactic Cup 2022 (FAI Spacemodeling World Cup) S4A, S6A, S9A, S8E/P (Open International Events) S2/P, S3A
Date and venue	Held from 2 September 2022 through 5 September 2022 at AMA field in Muncie, Indiana, USA
Organizer	National Association of Rocketry USA
Participating countries	USA, Canada
Names and nationalities of FAI Jury members	<ol style="list-style-type: none"> <li>1. Taras Tataryn (Canada) President</li> <li>2. Michael Nowak (USA)</li> <li>3. James Duffy (USA)</li> </ol>
Schedule of competition	<p>Friday, September 2 Contestant's Meeting/Model Check In 19:00 21:00</p> <p>Saturday, September 3 S4A, S6A, S9A Model Check in 7:00 12:00</p> <p>Sunday, September 4 7:30- 8:15 S4A Round 2 8:15 - 9:00 S4A Round 3 9:00-9:45 S9A Round 1 9:45-10:30 S9A Round 2 10:30:-11:15 S9A Round 3 11:15-12:00 S6A Round 1 12:00-12:45 S6A Round 2 12:45-1:30 S6A Round 3</p> <p>Monday, September 5 7:30-8:30 S3A Round 1 8:30-9:15 S3A Round 2 9:15- 10:00 S3A Round 3 10:00- 11:15 S2P Round 1 11:15-12:00 S2P Round 2 12:00-12:45 S2P Round 3 12:45- 13:00 Flyoffs As Needed 13:00-15:00 S8E/P 15:00-15:15 Awards Ceremony</p>
Duration of rounds	S3A first round 90 minutes. All other event rounds 60 minutes
Breaks between rounds	None except for 30 minute lunch break
Maximum duration in each round	90 minutes
Interruptions and delays	Meet interrupted after second round of S2/P due to high winds
Weather and visibility	Clear skies. Temperature ranged from 15 – 25 C. High winds beginning after first round of S4A. Diminished next days
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 4 S3A Senior 9 S4A Senior 5 S6A Senior 7 S8E/P Senior 2 S9A Senior 7
Local rules or deviations from the Sporting Code	Motors with 1.25 n-sec used instead of 2.5 n-sec for S3A, S4A, S6A, S9A. Common motor box used for S3A, S4A, S6A, S9A, S8E/P. 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	All events after first round of S4A were cancelled due to high winds causing unsafe conditions and rescheduled on March 5
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 – Restroom provided on field. Pavilion with power and WiFi and event viewing grandstands
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.
Final comments and evaluation of the contest	S4A, S6A, S9A all used 1/2A (1.25 n-sec) motors with no noticeable degradation of the competition. Most flights were easier to time, but some flights approached the maximum time, even on less powerful motors. Great sportsmanship, unfortunate weather causing rescheduling of rounds of the event. In addition to competitors from Canada and China, there were USA competitors from four different time zones.

Muncie, IN  
05 September 2022

FAI Jury:



Mr. Taras Tataryn (Canada) President



Mr. Michael Nowak (USA)



Mr. James Duffy (USA)