# 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 Intenational Events)  
S2/P, S3A |
<table>
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<tbody>
<tr>
<td>Date and venue</td>
<td>Held from 2 September 2022 through 5 September 2022 at AMA field in Muncie, Indiana, USA</td>
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<td>Organizer</td>
<td>National Association of Rocketry USA</td>
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<td>Participating countries</td>
<td>USA, Canada</td>
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| Names and nationalities of FAI Jury members | 1. Taras Tataryn (Canada) President  
2. Michael Nowak (USA)  
3. James Duffy (USA) |
| Schedule of competition | Friday, September 2  
Contestant’s Meeting/Model Check In 19:00 21:00  
Saturday, September 3  
S4A, S6A, S9A Model Check in 7:00 12:00  
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  
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 |
| 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)