



2023 FAI World Spacemodeling Championships
Georgetown, Texas
July 2-7, 2023

WSMC 2023

- Held every 2 years, usually in Eastern Europe - first time in the US since 1992
- Flown in two age divisions, Junior (18 and under) and Senior
- 8 “official” events, plus one additional sponsored by USA
- Each event is flown by a team of 3-4
 - 4th permitted only if at least one is female, US had females on every event team
 - Top 3 individual flier scores count toward team scores and places
 - FAI “World Champion” medals awarded to top 3 individuals (regardless of gender), teams, and females in each event in each age division for the “official” events
- 17 nations had Senior competitors, 7 of them also had Juniors
 - 172 total competitors (65 Junior)
- US and China had by far the largest teams
 - US Senior Team had 27 competitors, US Junior Team had 26 (China had 7 and 17)
- Teams stayed in Southwestern Univ. dorms, flying site was 32 miles north

EVENTS

Each event is flown in multiple time-limited “rounds”

- S1 – Altitude (2-stage A’s for Seniors, 1-stage A’s for Juniors)
- S2P – FAI TARC-equivalent – egg payload to 300 m/60 sec (not an official WSMC event)
- S3 – A Parachute Duration
- S4 – A (free-flight) Rocket Glider
- S5 – Scale Altitude (B for Juniors, C for Seniors)
- S6 – A Streamer Duration
- S7 – Scale
- S8 – Radio-Control Rocket Glider (D for Juniors, E for Seniors)
- S9 – A Helicopter (Gyrocopter) Duration

SCHEDULE

- Arrive on July 1, depart on July 8
- Sunday July 2: Practice, range crew training, opening ceremony
- Monday July 3: Duration events (2 each Senior & Junior)
- Tuesday July 4: Duration events (2 each age division); baseball game
- Wednesday July 5: Altitude & R/C Rocket-Glider
- Thursday July 6: Scale & Scale Altitude
- Friday July 7: S2P event (FAI TARC), closing banquet

RESULTS

- Senior Team – 1st Overall
 - 4 individual overall gold, 1 silver, 4 bronze
 - Gold: Keith Vinyard (streamer & parachute), Stoil Avramov (RC Glider), Chris Flanigan (Scale)
 - 4 team gold (S1, S2P, S6, S7), 3 silver
 - 2 female gold, 3 silver
- Junior Team – 2nd Overall
 - 2 individual overall gold, 2 silver, 1 bronze
 - Gold: Camille Harris (streamer), Aaryan Nagarkatti (FAI TARC)
 - 2 team silver, 4 bronze
 - 3 female gold, 2 silver, 2 bronze

WHAT'S NEXT

- Next World Championships will be in 2025 in Serbia
 - 21-28 August 2025 in Zrenjanin (50 miles north of Belgrade)
- US Teams will be competitively selected at a flyoff at NARAM in 2024
 - Will be in Pueblo, Colorado August 3-4
 - 4 US individual overall Gold Medalists guaranteed the opportunity to go to defend their titles: Keith Vinyard, Stoil Avramov, Chris Flanigan (Senior) and Camille Harris (Junior)

US International Spacemodeling Team 2023



US Junior Team 2023



Ukrainian Team



Chinese Team



Contest Officials



Southwestern University Dorm Room



Dining Hall at Southwestern University



US Junior Team in the Evening at the Dorm



Flying Range Set-Up Day



Contestant Tent During the Contest



Flying Range in Operation



Launching from the US Lane







FAI WORLD CHAMPIONSHIPS FOR SPACE MODELS

US Junior S6 (Streamer) Team



Junior Teamwork





Keith Vinyard Getting One of His Two Gold Medals



US Senior S6 Streamer Team Gets Gold



Chinese Junior Team Member Caught a Foul Ball at the Baseball Game!



**Steve Kristal (Junior
Team Manager) and
Emma Kristal Flying S1B
Altitude**



Antonio Mazzarachio of Italy Wins S1 Altitude – his 8th FAI Gold



Italy
Japan

Dan Wolf & Will Marchant at Altimeter Technical Control



European Swing-Flop S4 Gliders





**Kody Barr, the
Youngest US
Team Member**

**US Senior
Team Manager
Trip Barber
and FAI Jury
Member John
Langford**



Two US Gold Medalists: Keith Vinyard & Aaryan Nagarkatti



**Tracy and Madalynn Pund
both Flew S8**



Stoil Avramov Prepares to Fly S8 R/C Glider



Stoil Avramov Lifts Off – the S8 Gold Medalist



Scale Judging in Progress



Scale Judges and Some of the Models



US Junior S7 Scale Team





**Chris Flanigan's Gold Medal
S7 Scale Model Lifts Off**



**Randall Mosby's
S7 Scale
and
Jim Filler's S5
Scale Altitude
Flights**



Spanish Junior & Senior S2P Teams



WSMC 2023 Final Banquet

