

UAS4STEM Finals 2023 - Itinerary

Team Some Assembly Required (Explorer Post 1010)

NOTE: Competition is scheduled for Monday and Tuesday, with Wednesday as a weather make-up day.

Saturday 7/22 (Travel Prep)

- 10am: Online check-in for outbound flight to Milwaukee (MKE) - **Beth will do for group**
- Pack for trip - see Packing Reminders on pg. 2 (note: SWA allows 2 checked bags with no fee)

Sunday 7/23 (Travel)

- Meet at Southwest Airlines luggage drop-off at BWI at 8:15 AM
- Flight #2758 should board at 9:35 AM and depart BWI at 10:05 AM EDT
- Arrive at Milwaukee (MKE) at 11 AM CDT
- Rent 2 cars: Budget 12-pssgr. van/26946954US6 + full-size car/26947388US6); pick-up at ~11:30 AM CDT (need the full-size car for luggage and equipment)
- Depart Milwaukee approx. 12 PM CDT, eat lunch at a restaurant en route to New London
 - Noodles and Company, 4859 S 76th St, Greenfield, WI 53220
- Arrive at VRBO house in New London ~3-3:30 PM CDT (**early-check-in approved**)
 - 804 Dickinson St, New London, WI 54961
- Team check-in at camp area in Oshkosh: ~5 PM (call Kyle or Archie at ~4 PM)
- UAS4STEM Kickoff: 5:30 PM - 10 PM (5:30 Opening Remarks, 6:00 Pizza, games, s'mores)
- Grocery shopping as time allows¹ (before Team check-in at camp area?)
- Practice Flight Readiness Review presentation and check out equipment

Monday 7/24 (Oshkosh - all times are CDT)

- 7 AM Depart house for Oshkosh
- 8 AM - 8:20 AM: Mandatory Safety Brief (flight area)
- 8:30 AM: Beginning of Flight ops for Beginner Teams (at Depot near Campground)
- 9 AM: Beginning of FRRs for Advanced Teams (at EAA Museum)
 - Before our FRR: Prep for FRR
 - After our FRR: AirVenture activities (AirVenture schedule will be [here](#))
- 11:30 AM - 12 PM: Lunch Break
- 4 PM: All teams at EAA Arch for Photo (GEN Karbler will be there too)
- 6:30 PM - 9 PM: Optional RC/drone flying at Pioneer Airfield (bring your own drones!)
- Dinner and celebrate Tom's birthday! Also, charge batteries

Tuesday 7/25 (Oshkosh - all times are CDT)

- 7 AM: Depart house for Oshkosh
- 8 AM: Mandatory Safety Brief for all teams who haven't flown yet (flight area)
- 8:30 AM: Beginning of Flight ops for Advanced Teams (at Depot near Campground)
- 9 AM: Beginning of FRRs for Beginner Teams (at EAA Museum)
 - Before our flight: Prep for flight, watch other teams
 - After our flight: AirVenture activities (AirVenture schedule will be [here](#))
- 11:30 AM - 12 PM: Lunch Break
- 4 PM - 5 P M: Interviews by appointment at EAA Museum Conference Room
- 6:30 PM - 9 PM: Optional RC/drone flying at Pioneer Airfield (bring your own drones!)

Wednesday 7/26 (Oshkosh - all times are CDT)

- All Day: AirVenture activities (unless competition was affected by weather Mon/Tue)
- 12 PM - Tom, Beth, Muhammed to EAA Radio Station for interview(<http://eaaudio.net>)
- 7:45 PM: Awards Presentation at main flightline (meet at flightline at 7:15PM?)
- 8 PM - Night-time Air Show

Thursday 7/27 (Oshkosh - all times are CDT)

- Jasmine to GRB for 6:15am Delta flight # DL3753 to AUS via MSP (depart at 4:40 am)
- 11 AM CDT: Check in for 7/28 flight - **Beth will do for group**
- All Day: AirVenture activities (good day to visit Seaport)

¹There is a Festival grocery store 0.6 miles from the house, a WalMart 2 miles away, and a Costco 17 miles away (half-way to Wittman Regional Airport/AirVenture). There are also several restaurants near the Festival.

Friday 7/28 (Travel)

- 7 AM CDT: Check out of VRBO house, get gas for rental cars
- ~9:10 AM CDT: Arrive at Milwaukee airport car rental return (return cars by 9:30 AM)
- 10:30 AM CDT: Board Flight #3666 (departing at 11 AM CDT)
- ~1:50 PM EDT: Arrive at BWI
- Ready for pick-up from BWI between 2:15 and 2:30 PM EDT

Southwest Reservation Number: 222E25 (group reservation)

- Note: Boarding passess will be issued at the airport.

Packing Reminders

- UAS4STEM Hat (wear at airport!)
- Team T-Shirt
- Black bottoms (shorts, skirt, pants), if possible (for FRR presentation)
- **Government-issued ID (if 18 or older)**
- Additional Hats as desired
- Sunglasses (**especially the Pilot**)
- Sunblock, Insect Repellant
- Comfortable shoes for a lot of walking; **students must wear closed-toe shoes for flying**
- *Light jacket or sweatshirt for cooler evenings*
- Any medications needed
- Money for souvenirs (and snacks)
- **Your own quad/airplane for flying (note: batteries cannot be in checked luggage)**
- Games (frisbees, etc.)
- Tom & Beth: Loctite and Duct Tape, Extra t-shirts and hats, extra sunscreen, hardcopies of checklists, equipment and practice payloads (including [Marshmallows](#)), yoga mat, card games

Yoga on a Plane (1 minute sequence): <https://www.youtube.com/watch?v=OHTcr7F1QiY>

- Chin to chest (count to 10)
- Ear over shoulder (count to 10)
- Ear over other shoulder (count to 10)
- Shoulder blades together, chest lifted, head back (count to 10)
- Breathe: inhale for 10, exhale for 10

Airport Yoga (13 mins): <https://youtu.be/JYLLnvoCvGI>

Phone Numbers

Team (students who are traveling)

Nathan: (240) 205-5353
Muhammed: (240) 733-2198
Jasmine: (202) 809-2585
Ethan: 301 532 5821
Bobby: (202) 227-1163
Theo: 3018731479
Veronica: 2407608741
Lindsay: (301) 575-7319

Team Chaperones

Tom: 301-802-3077
Beth: 301-802-0463
Colleen McCullen: 202-236-1830
Awo Ansu: (301) 792-8017

Parents (not traveling)

Susan Park: (301) 325-6218
Zainab Abbas: (240) 632-2037/240-481-1402
Qun Wang: (202) 809-2585
Cindy Chang: (240) 350-9983
Adam Coates: (301) 565-5011
Awo Ansu: (301) 792-8017
Becky Berman: 240-274-5278
Liz Kossoff: (301) 466-4260

UAS4STEM Staff

Kyle Jaracz: 765-621-1649
Archie Stafford: 301-247-9298

Other Teams

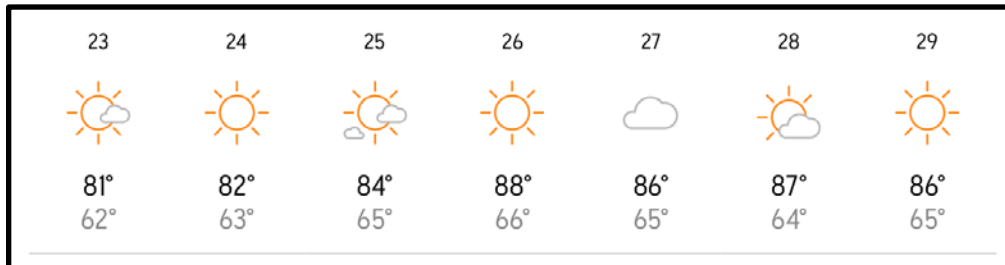
6 Beginner teams
6 Advanced teams (incl. ours)
Details are in this [5/11/23 AMA Blog post](#)

Venue Information

- AirVenture app: **EAA Events**
(App Store or Google Play)
- [An Insider's Guide to AirVenture for Rookies](#)
- Gates open 7 AM, close 9 PM (Tue-Sat)
- Event maps:
<https://www.eaa.org/airventure/plan-your-aaa-airventure-trip/maps>
- Flight area coordinates:
43°58'06.9"N, 88°34'46.3"W

Oshkosh Weather Forecast (as of 7/16/23)

Source: <https://www.accuweather.com/en/us/oshkosh/54901/july-weather/331524>



2021 Grocery Purchases*

Day 1:

- Milk (skim)
- Sliced Bread (honey wheat)
- Oatmeal
- Bagels
- Cream Cheese
- Eggo Waffles
- Rice Krispies
- Jimmy Dean sausage
- Oui Yogurts
- Oikos Yogurts
- Grape Jelly
- Peanut Butter
- Mayonnaise
- Canned Tuna
- Celery Sticks
- Baby Carrots
- Snap Peas
- Watermelon
- Oreos
- Pringles

Day 2:

- Muffins
- Curry Powder
- Bottled Water
- Oui yogurt
- Deli cheese (swiss) and ham (virginia ham)
- Sliced bread (split wheat)
- Canned Tuna
- Corn on the cob
- Spring Mix salad
- Baby Carrots
- Pringles
- Doritos
- Sandwich bags

Day 3:

- Sliced bread (honey wheat)
- Grape jam
- Deli Cheese (swiss)
- Coleslaw
- Greek salad
- Off/bone chicken
- Rotisserie chicken
- Frozen Mac and Cheese
- Fresh Salmon
- Seeds of Change Quinoa & Rice
- Lemons
- Potato chips (sea salt and vinegar)
- Doritos

One of our team members is allergic to nuts (peanut tree nuts), so there will be a NUT-FREE table (with the possible exception of peanut butter - used CAREFULLY!).

***Note: whole fruit (bananas, apples, oranges) were provided by AirBnB host.**

There is a Festival grocery store 0.6 miles from the VRBO house in New London, and a WalMart 2 miles away. (There is also a Costco 17 miles away, half-way to Wittman Regional Airport/AirVenture; it is 6 minutes off-route.)

Rental House (VRBO Property)

Listing: <https://www.vrbo.com/1526329?noDates=true&unitId=2085128>

Booked on 1/12/23 for \$4,016.23 (paid in advance, free cancellation through 5/24/23)

- Booking ID# HA-JXNOLC (5 nights, 12 adults)
- Check-in time: 4pm on 7/23 (we requested early check-in)
- Check-out time: 11am on 7/28
- Host: Shade (message through VRBO app)

Address: 804 Dickinson St, New London, WI 54961

- Distance from Wittman Regional Airport: 34 miles (40 mins drive)
- Distance from MKE: 125 miles (2 hrs drive)
- Distance from GRB: 36 miles (50 mins drive)

Accommodations

- 6 bedrooms · 11 beds · 5 bathrooms
- Sleeping assignments (tentative):
 - BR #5/Bunk/Rec/Lounge (1 Futon, 3 Twin, 1 Queen): 5 boys (Bobby, Ethan, Muhammed, Nathan, Theo)
 - BR #1/Antique room (1 Twin, 1 Double): 2 girls (Lindsay, Veronica)
 - BR #6 (1 Double): 1 girl (Jasmine)
 - BR #2 (1 King): Chaperone (Colleen)
 - BR #3 (1 Queen): Chaperone (Awo)
 - BR #4/Master (1 King): Chaperones (Tom and Beth)

WiFi

- Username:X2-x5
- Password:Thoughtfulhill697

Other

- Early check-in approved on 7/12 (house will be ready at Noon)
- Two coolers (medium to large) available for us to use (to bring lunches to AirVenture)

Detailed Flight Info

Note: fares below are similar to, but not the same as, the group travel rate. The group travel rate for this itinerary is \$378.10 (as of 2/28/2023).

Depart: BWI → MKE
 Baltimore/Washington, MD - BWI to Milwaukee, WI - MKE

Government taxes & fees included
 All fares are rounded up to the nearest dollar.

Low Fare Calendar | First 2 bags fly free®
 Weight, size & excess limits apply

Departing flights	Number of stops	Duration	Business Select	Anytime	Wanna Get Away plus	Wanna Get Away
Low fare Fastest # 2758 10:05 AM → 11:00 AM Nonstop		1h 55m	\$297	\$247	\$187	\$167

Return: MKE → BWI
 Milwaukee, WI - MKE to Baltimore/Washington, MD - BWI

Government taxes & fees included
 All fares are rounded up to the nearest dollar.

Low Fare Calendar | First 2 bags fly free®
 Weight, size & excess limits apply

Returning flights	Number of stops	Duration	Business Select	Anytime	Wanna Get Away plus	Wanna Get Away
# 3666 11:00 AM → 1:50 PM Nonstop		1h 50m	\$358	\$308 2 left	\$248 2 left	\$228 2 left

Trip & Price Details

Price | Payment | Confirmation

Flight	Modify	Price per Passenger
Sun 7/23 # 2758 BWI → MKE 10:05 AM → 11:00 AM 1 hr 55 min Nonstop Wanna Get Away		\$339.68
Fri 7/28 # 3666 MKE → BWI 11:00 AM → 1:50 PM 1 hr 50 min Nonstop Wanna Get Away Only 2 left!		\$55.28
Total per Passenger		\$394.96
Passenger(s) x1		
Flight total		\$394.96
or from \$39/mo* with uplift Learn more		

Updates to the “Flight total” for this itinerary (these are not group rates but if the price decreases, call SWA and ask for an adjustment to our group travel contract):

- 2/28: \$394.96
- 3/09: \$407.96
- 4/12: \$416.96
- 5/31: \$492.95 (\$270 - only 4 tickets left + \$223)
- 6/6: \$472.96 (\$260 - 4 left + \$213 - 1 left)