

AIR EXPO STEM DAY • 8 APRIL 2022

9:30A - 2:30P • JOINT BASE CHARLESTON • GRADES 4-12



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Joint Base Charleston Air Expo - Lowcountry Titans of Flight

STEM Day – April 8, 2022 (9:30 a.m. – 2:30 p.m.)

Event Details

Who: Joint Base Charleston and Local Partners

What: To help increase awareness of Science, Technology, Engineering, and Mathematics (STEM) career fields Joint Base Charleston is hosting a STEM Day in conjunction with the 2022 Air & Space Expo for local schools. Students will have the opportunity to view and interact with different STEM-based activities and displays provided by the United States Air Force and local partners.

Where: Joint Base Charleston flight line. Please use the Rivers gate located off of S Aviation Rd.

When: April 8, 2022, 9:30 a.m. – 2:30 p.m.

Important Information:

- **Security Screening:** All members attending the event ages 18 and over, to include students, chaperones and bus drivers, will require a security check prior to being granted base access. Schools working with external bus agencies should contact the company and request vetted bus drivers or request the required information needed by the military to grant the individual access. If your school already has a vetted bus driver with base access please let the event coordinator (Capt John Pollock) know so he may document this information. Additionally, when attending the event, all members 18 or over will be required to present a photo ID in accordance with the REAL ID Act. If members cannot present a valid ID as outlined in the attached document a second form a legal identification will be required; a list of acceptable forms can be found in the attached document. Finally, all members requiring security clearance will need to provide the following information:
 - **Full Name (Last, First, Middle)**
 - **Date of Birth**
 - **State ID/Driver License Number**
 - **Social Security Number**

Please utilized the attached Excel spreadsheet worksheet to provide the information. We understand that this is sensitive information and some members may be reluctant to provide the requested information. However, this is mandatory for any organization requesting access to a federal installation. Rest assured that limited personnel will have access to the provided sensitive information and you are protected underneath the Privacy Act of 1974. Should you have any questions please contact Capt John Pollock.

Important Information: (Continued)

- **Food:** Friday, April 8th has been designated as an event set-up day for vendors. While food trucks and other vendors will be present they will be operating that day in a limited capacity. With that said, it is **HIGHLY** encouraged that schools request students to bring their own lunches. Event hours are from 9:30 a.m. – 2:30 p.m. and the military cannot guarantee that food services will be up and running to serve every guest on Friday.
- **Active Runway:** Joint Base Charleston STEM Day will be held on the flight line and in surrounding hangars. Friday, April 8th will be a set-up day for the weekend's events to include the arrival of some static display aircraft. We encourage teachers, chaperones, and students to explore the flight line and view the aircraft. However, please exercise situational awareness to ensure that students are kept safe and out of the way of taxiing and operational aircraft.
- **Bottled Water:** We request that all schools please provide at least one bottle of water per student attending the event. Water will be available on the flight line, but access will require chaperones to escort students away from the STEM hangar. STEM Day will be primarily in an open aircraft hangar though some exhibits may be stationed outside, we would like to make sure all students all properly hydrated.
- **Suggested Attire:** Most STEM events will be placed in a large, open-air hangar, although there is a possibility that some will be placed outside. We encourage all guests to plan for the weather, wear close toe shoes, and sunscreen.
- **Lost Child Check-List:** All schools will be required to carry a full list of students' names in addition to adhering to the event's lost child procedures in the rare event that a student may become lost.
- **Sick Student Policy:** In the event that a student may become sick during the event, please contact Capt John Pollock. He will assist in getting the affected student to a gate for parent pickup.
- **Personally Owned Vehicles (POV):** POV's are not be permitted on base for STEM Day. Due to security reasons, all guests attending with their school to include teachers and chaperones will be expected to ride along with their students on the organization's bus.

- **PROHIBITED ITEMS:**

- Weapons of any kind including; pocket knives, pocket tools, scissors, box cutters, nun-chucks, billy clubs, large/heavy chain-linked jewelry or belts, mace/pepper spray, firearms.
- Toys that resemble firearms
- Fireworks
- Spray paint/silly string
- Glass containers
- Alcohol, illegal drugs
- Bicycles, skateboards
- Heelies, roller-skates, rollerblades
- Coolers
- Rucksacks or backpacks
- Animals or pets
- Canteens, thermoses, and other hard-sided water bottles such as Nalgene bottles
- Drones
- Large Purses

Event Details

- **STEM Day Presenters:** STEM Day will allow local students to get hands-on experience with military and local partner Science, Technology, Engineering, and Mathematic displays. Guests can look forward to the following line up of current presenters:

SC Space Consortium	628 CES/EOD Flight
Water Mission	Pers – Van’s RV-7
Charleston Southern University	College of Charleston Aerospace
NASA	Museum of Flight
RC Radio Society	Civil Air Patrol

***Please be advised that all presentations are subject to change prior to the event and more partners are in the process of signing up. ***

- Air Show Flying Acts: In addition to attending STEM Day, students and guests will be afforded the opportunity to view aircraft in action as performers practice their acts for the weekend shows. These acts include the following:

C-17 Army Black Dagger Parachute Team	DH-115 Vampire
Pitts S2S – Raptor	F-16 Fighting Falcon Demonstration
MiG-17 Mikoyan-Gurevich	C-17 Demonstration
Edge 540	FW-190 Focke Wolfe
P-51 Mustang	F-18 Blue Angels

***Please be advised that all aerial acts are subject to change prior to the event. ***

- Static Display Aircraft: Students and guests will also be able to view our lineup of static aircraft displays. Guests will be available to interact with some aircraft, while others will be available only to view. Some static displays will be arriving on Friday. As these aircraft taxi to their designated spots, please ensure all students are accounted for and out of harm’s way. Guests can look forward to the following ground static displays:

C-17 Globe Master III	C-130J Hercules
C-5 Galaxy	F-15 Strike Eagle
F-16 Fighting Falcon	C-130J Hercules
B-52 Stratofortress	Boeing Dreamlifter
T-1 Jayhawk	T-38 Talon
T-6 Texan II	Boeing Dreamlifter
KC-46 Pegasus	A-10 Warthog
CV-22 Osprey	HH-60 Pavehawk
AH-64 Apache	F-22 Raptor
F-35 Lightning	C-47 Skytrain

***Please be advised that all static displays are subject to change prior to the event. ***