



# Tampa Executive Airport Summer 2025 STEM Days

21, 23 July 2025

## Event Outcomes

SOFWERX, in collaboration with the Florida Aerospace Training Center, hosted two STEM-focused engagement days at the Tampa Executive Airport on July 21st and 23rd, 2025. Across both days, students participated in a series of hands-on activities including critical thinking exercises, collaborative engineering challenges, and the construction of two innovative robotic platforms; one hovercraft-style and one gravity-defying robot capable of climbing vertical surfaces. These experiences connected real-world STEM applications with aviation-related environments and aligned with the United States Special Operations Command (USSOCOM) and SOFWERX missions to foster innovation, teamwork, and problem-solving in dynamic and operationally relevant contexts. In recognition of its contributions, SOFWERX was honored with an award of appreciation by the Tampa Executive Airport, the Florida Aerospace Training Center, and the Hispanic Chamber of Commerce of Tampa Bay.

- SOFWERX staff guided participants through the engineering design process, supporting the successful creation of multiple robotic builds that reinforced key STEM concepts such as aerodynamics, propulsion, and gravity-based mechanics.
- During the event, SOFWERX demonstrated its commitment to collaborative innovation by engaging students in problem-solving activities tied to aviation and national defense environments, building enthusiasm for future careers in technology and aerospace

