



JIFX 26-1 Quicklook

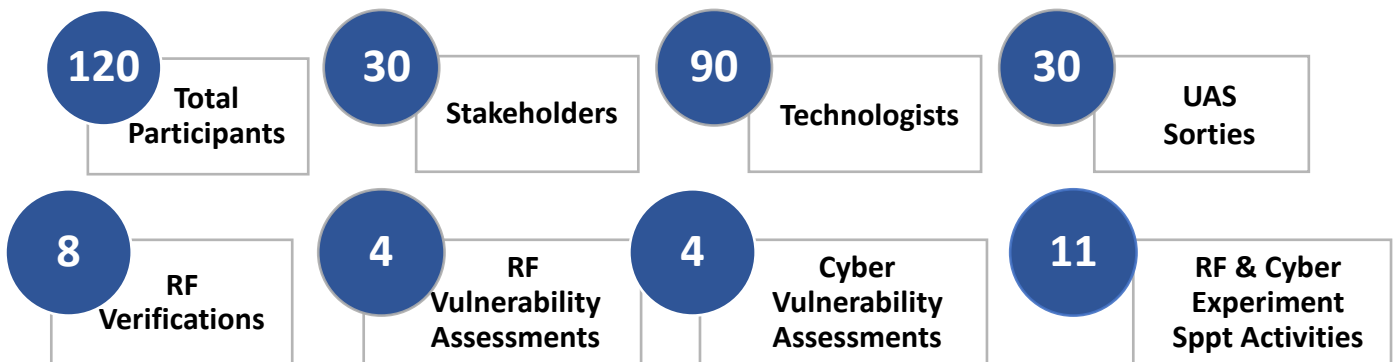
The fiscal year 2026 adventure has begun! In very JIFX-like fashion, a team formed from across the innovation community to ensure we were able to execute our first event of the year. We thank and welcome those new to our team – CAPT Richard Smith, NPS AVP for Warfare Studies; Morgan Bower, FLEETWERX; Josh Wills-King, Chris Shumac, and Alondra Correa of the Southwest Mission Accelerator Center. And of course, we thank the technologists and the stakeholders that kept faith with us and participated in the event.

Seventeen organizations brought various technologies exploring defense applications of aerial and marine autonomy, augmented reality, automated assessment, situational awareness, visualization, navigation, modeling, sensing, avionics, networking, and modularity. The event also facilitated another step forward in the development of the Defense Innovation Network’s DINA platform with both stakeholders and technologists providing feedback and observations on the system.

Despite the shutdown, several organizations were represented in person including USINDOPACOM, USTRANSCOM, USSOCOM, MSU MILTech, representatives from small business development centers, and even our local congressional representative’s office. Others participated virtually including NavalX, USCENTCOM, NSW, and US Army DEVCOM. Ultimately, a lot of collaborative learning was accomplished while demonstrating the dynamic culture of the JIFX community.

JIFX 26-2 is scheduled for 23-27 February 2026. We are accepting proposals here <https://www.nps.edu/web/fx/experiment-proposal>. The submission deadline for flying, emitting, maritime, or directed energy technologies is 5 January 2026. I look forward to seeing many of you back at McMillan in February. Until then I wish all of you a very happy holiday season and New Year!

By the Numbers





JIFX
Joint Interagency Field Experimentation



JIFX 26-1 Quicklook

Experiment Number	Experiment Title	Organization
A-01	Tempest Modular UAS	Firestorm Labs
A-02	Flight Control and Telemetry Testing for Autonomous VTOL Aircraft	Jetpack Aviation Corporation d/b/a Mayman Aerospace
A-03	EOD UAS Platform for Detection and Remote Mitigation of Surface and Subsurface UXO	TETAC, Inc.
A-04	GNSS Denied Navigation	Rhoman Aerospace
B-05	UxS Adv Nav and Situational Awareness with a Low-SWaPC Software Only Solution for Lost GPS/Vis/Comms	VICTUS Technologies, Inc.
C-03	Optical Shield	Closedloop Cybernetics
C-05	Autonomous Interception of Offshore UxS threats	Splash Industries
D-03	Intelligent Mesh for the Autonomous Edge	Hoplynk, Inc.
F-01	Sagani 2.0: Solar-Powered Predictive AI Helmet System for Enhanced Force Protection and Situational Awareness	Sagani Property & Technology
F-02	xVector.us	xVector.us
G-01	TACNODE: Multi-Form Factor Asset Digitization to Enable an Integrated Tactical Data Layer for Next-Gen AI	CI-PHER
G-03	Augmented Reality Pathways / LANA	HoloTerra, Inc.
G-04	Persistent LVC Environment for Rapid Experimentation and Transition	Husmann Technologies
G-06	Tactile Human Machine Interface Device for Counter Drone Situational Awareness	Neurocom
H-01	The Operator Readiness and Combat Learning Environment (ORACLE)-1	Orama Technologies
H-02	LAMA: Localization and Mapping Artificial Intelligence Application	Holochip Corp
I-03	Canary AI Smart Mask for Tactical CBRN Environment	Deeper Breath Inc.



nps.edu/fx



[@thejifx](#)

All opinions expressed are those of the authors and do not represent the official policy or positions of the Naval Postgraduate School, the United States Navy, the Office of the Secretary of Defense, or any other government entity. Nothing contained herein should be viewed as an endorsement of any product or service.

Approved for public release. Distribution is unlimited.

NAVAL X



JIFX
Joint Interagency Field Experimentation



JIFX 26-1 Quicklook



H-01: Orama Technologies, led a series of collaborative activities with its **ORACLE Combat Learning System** at the CACTF including working with **F-01: Sagani Property & Technology** and several regional SWAT elements. The resulting capability shows promise for enhancing the speed and effectiveness of training service and law enforcement members in close quarters battle techniques.



nps.edu/fx



@jifx



@thejifx

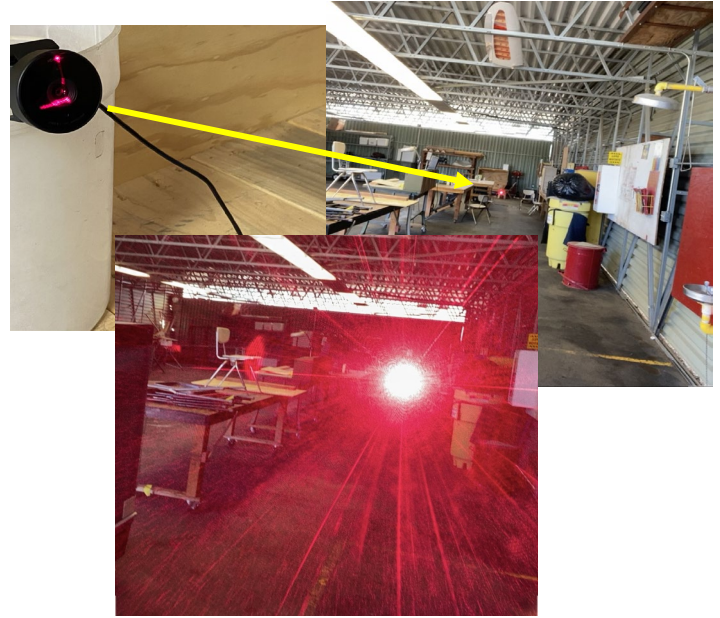
All opinions expressed are those of the authors and do not represent the official policy or positions of the Naval Postgraduate School, the United States Navy, the Office of the Secretary of Defense, or any other government entity. Nothing contained herein should be viewed as an endorsement of any product or service.

Approved for public release. Distribution is unlimited.



JIFX 26-1 Quicklook

C-03: Closedloop Cybernetics validated the employment of its **Optical Shield** directed energy dazzler system both in and out of doors.



G-03: HoloTerra, Inc. explored new developments in its LANA Augmented Reality Pathways platform. One application providing real time guidance in combat scenarios and another visualizing technology assessment data found in the DINA system.

A-03: TETAC, Inc. flew a dozen sorties over the CACTF tunnels gathering data to refine its UAS borne unexploded ordnance (UXO) detection and mitigation capability. The system employs advanced sensors and AI-enabled analysis to identify, characterize, and neutralize surface and buried UXO.



NAVAL X



JIFX
Joint Interagency Field Experimentation



JIFX 26-1 Quicklook



C-05: Splash Industries maritime platform was put through its paces on Lake San Antonio to gather data for its **Autonomous Interception of Offshore UxS Threats** experiment.



A-01: Firestorm Labs flew its newest Tempest Modular UAS variant that included a pusher propulsion package while continuing development of its original turbo propulsion model.



 nps.edu/fx

 @jifx

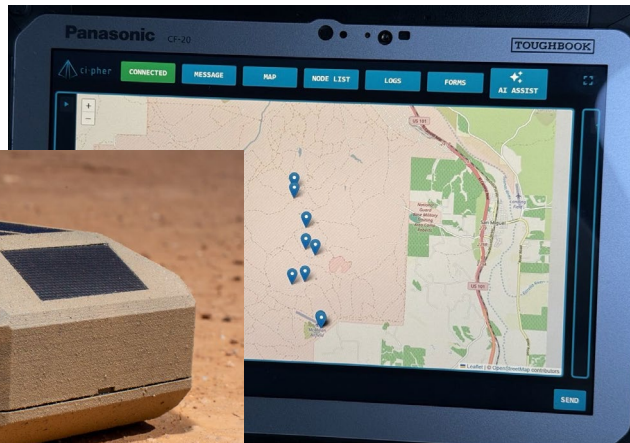
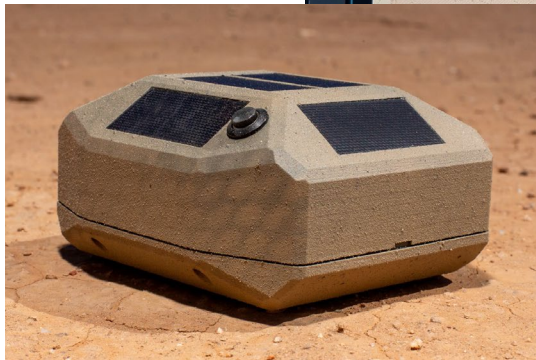
 @thejifx

All opinions expressed are those of the authors and do not represent the official policy or positions of the Naval Postgraduate School, the United States Navy, the Office of the Secretary of Defense, or any other government entity. Nothing contained herein should be viewed as an endorsement of any product or service.

Approved for public release. Distribution is unlimited.



JIFX 26-1 Quicklook



G-01: CI-PHER evaluated the sensing and tracking capabilities of its TACNODE platform across Camp Roberts to validate its multi-form factor asset digitization technique for integrating a tactical data layer into a Next-Gen AI platform.

I-03: Deeper Breath, Inc. showcased the Canary AI Smart Mask for tactical CBRN environment. The integrated mesh network facilitates the rapid transfer of critical data between systems increasing situational awareness during CBRN environments.



Upcoming JIFX Events

Event	Dates	Location
JIFX 26-2	23-27 February 2026	NPS Field Laboratory & Lake San Antonio
JIFX 26-3	11-15 May 2026	NPS Field Laboratory & Lake San Antonio
JIFX 26-4	10-14 August 2026	NPS Field Laboratory & Lake San Antonio

Dates & Location Subject to Change