



JIFX 26-2 Quicklook

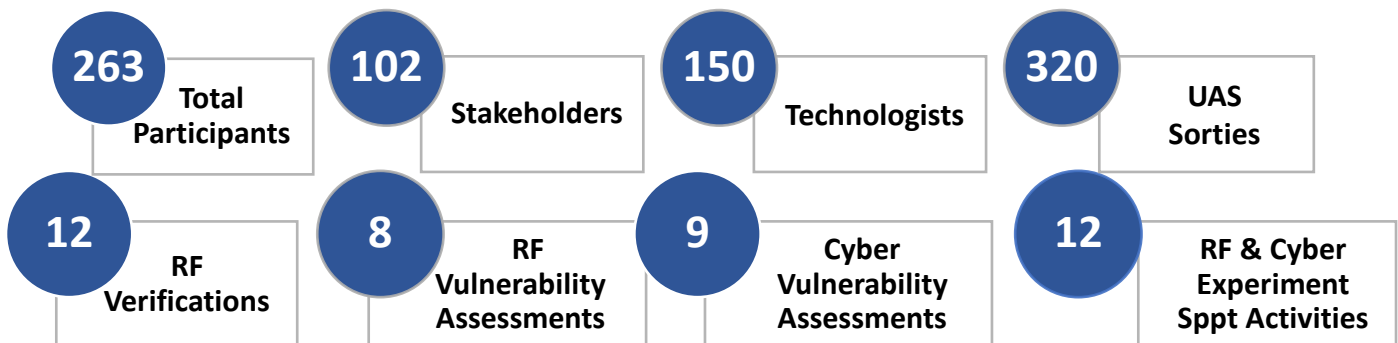
This event was our largest gathering of technologists and stakeholders since the mid-2010s. Thirty-three small businesses conducted thirty-eight experiments from February 23rd to 27th at the NPS Field Lab and around Camp Roberts. Two companies also participated virtually.

The various experiments explored capabilities across the ground, electro-magnetic, cyber, and space domains but the event was dominated by aerial activity with over three-hundred sorties reaching into the sky. Reach Power, Liminal Industries, KalScott Engineering, Rhoman Aerospace, Firestorm, Gambit Defense, and Greensight each reported accomplishing firsts with their technologies during the week. Participating technologists also partnered to accomplish dozens of ad-hoc experiments that combined their technologies into systems of systems to address more complex challenges.

Stakeholders representing USINDOPACOM, USTRANSCOM, USSOCOM, Naval Surface Warfare Center Corona Division, Navy Expeditionary Combat Command, ONR's SBIR Experimentation Cell, Naval Special Warfare Command, USA Development Command, USA Special Operations Command, USAF Special Operations Command, Defense Management Data Center, Montana State University MILTech, Southwest Mission Accelerator Center, Monterey Regional APEX Accelerator, the Oklahoma Small Business Development Center, and UC Santa Cruz. We also had twenty-seven students, six faculty, and three staff members from the Naval Postgraduate School attend. Finally, the JIFX community was happy to host members of the NPS Foundation for a visit.

JIFX 26-3 is scheduled for 11-15 May 2026. We are accepting proposals here <https://www.nps.edu/web/fx/experiment-proposal>. The submission deadline for technologies that fly, emit RF signals, explode, launch by propellant, or utilize directed energy is 30 March 2026.

By the Numbers





JIFX
Joint Interagency Field Experimentation



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Experiment Number	Experiment Title	Organization
A-01	Wireless Power Beaming for Persistent UAS	Reach Power
A-06	WeatherHive	GreenSight
A-08	Remote Initiation of UAS Delivered Munitions and EOD UXO Mitigation Tools	TETAC, Inc.
A-09	Tempest	Firestorm Labs
A-10	GPS Denied UAV Navigation and Detect & Avoid Solutions	Rroman Aerospace
B-03	Evaluating AI-Driven Workflows for Decision Advantage	Bluescape
B-04	DUEL-V: Dynamic Unmanned Expendable Light Vehicle	Liminal Industries
B-05	Infrastructure for Training Autonomous Systems (ITAS)	Null Labs
B-08	Zephyr sUAS Simulator	Little Arms Studios
B-09	Active Learning and Interaction Engine (ALIEN) Target Determination	Gambit Defense
B-12	Mantis AI: An agentic logistics platform for unmanned systems	Mantis AI
C-02	WavWhispr C-UAS Alerting System	Balboa A.L.S.
C-03	AI Drone Detector	Narsil Dynamics
C-04	SPART, man-portable, modular, autonomous interceptor platform for Class 2 & 3 UAVs.	Thermopylae Aerospace Corporation (TAC)
C-05	Hand-hold Acoustic DOA (Direction of Arrival) Device	Narsil Dynamics



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Experiment Number	Experiment Title	Organization
C-06	Acoustic-Optical Detecting System (AODS)	Narsil Dynamics
C-08	Drone Round	Drone Round LLC
C-10	Intelligent Infrastructure (I2) for Perimeter Security and cUAS	Khasm Labs - Crucible Afterburner Cohort
D-03	Integrated Mission AI Network for Tactical Decision Dominance	CI-PHER
D-04	Autonomous Tactical Network Orchestrator (AutoNet) - Enabling cognitive data transport with agentic AI	Tyto Athene - Technology Accelerator Lab for Operational Needs (TALON)
D-06	Kestrel: Organic, Low-SWaP Tracker for Vehicles and Assets	KalScott Engineering Inc.
E-03	Visual-Layer Data Protection for Resilient C2 and Edge Operations	Cyphlens
G-01	Ally Identification Experiment (Preventing Friendly Fire)	BlueForce
G-03	LAMA: Localization and Mapping Artificial Intelligence Application	Holochip Corporation
G-05	JDI EaaS	CnDEZ LLC
G-06	H50 Ruggedized XR Goggles	Holochip Corporation
G-09 (virtual)	DNT, AI Accelerating Warfighting Capabilities with Defense Innovation Navigation Assistant (DINA)	Husmann Technologies
G-11	Orama: Mixed-Reality Combat Simulator	Orama Technologies
G-16 (virtual)	Endstate: Collaborative AI for military planners	Endstate Technologies



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Experiment Number	Experiment Title	Organization
G-18	Augmented Reality Pathways with Object Retrieval	HoloTerra Inc
G-20	AI-Enabled Role Player Training	Delta Learning Inc
H-01	Adaptive Digital Characterization & Automated Field Oversight System	ConnectDotsSolution
I-04	Triage Scribe	Halite Medical Inc.
K-01	Silent Power in Austere Environments	New Use Energy
K-02	StormCell, ñ Multi-Mode Micro-Wind Power (Driven, Forced, and Natural Wind) for Tactical and FOB Energy Resilience	Sujen International LLC
K-03	COPA 500: Next Generation Industrial Control	CPLANE.ai
K-05	Model-Based Assessment of Power and Infrastructure Resilience Under Disruption	KOAPAKA Solutions Corp
L-03	Adaptive Terrain-Aware Mobility Modeling for Operational Planning and Logistics	KOAPAKA Solutions Corp
M-01	Real-Time Detection of Narrative Activity, Anomalies, and Amplifier Waves in High-Noise OSINT Environments	DAGR Group LLC

You can find summaries of the experiments here:
[JIFX 26-2 Quad Charts](#)



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C-08: Drone Round operated on Range 16 to collect performance data on their counter-UAS small arms ammunition at various distances. The ammunition represents progress in the development of c-UAS capabilities for small units.



G-03: Gambit Defense exchanged insights with many interested stakeholders as they conducted over 150 sorties as they further refined the UAS swarming capabilities enabled by combining their Active Learning and Interaction Engine hardware-agnostic software suite in conjunction with Latent AI's automatic target recognition software.



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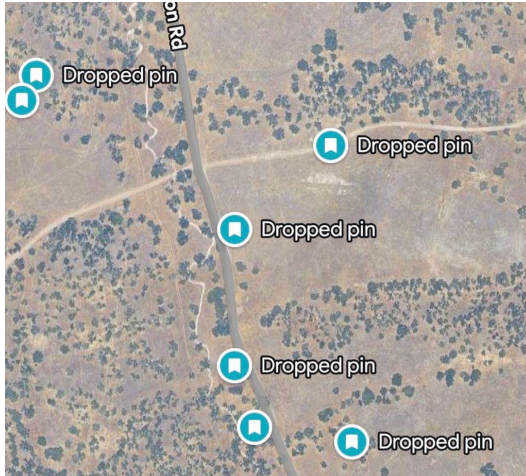
B-04: Liminal Industries' UGVs showed their speed and strength moving at speeds up to 40 miles an hour along the airfield buffer zone. Here the NPS Foundation Vice President and Liminal CEO operate the systems.



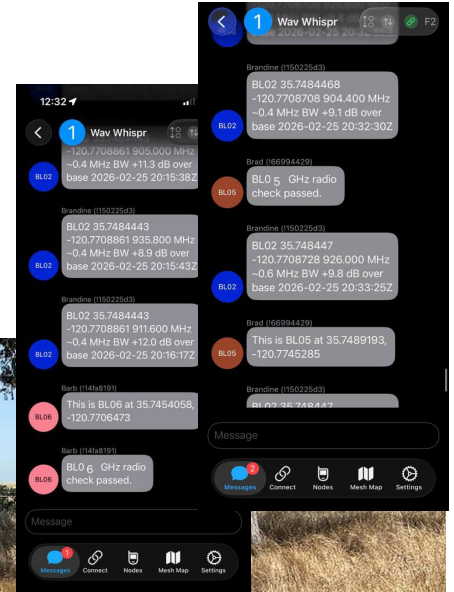
A-06: GreenSight, continued experiments with their Weather Hive micro-UAS weather sensing system. On one flight the aircraft flew to an altitude of 10,000 feet MSL and on another flight the aircraft flew nearly 5 km from the launch point. Both achievements were firsts for the project.



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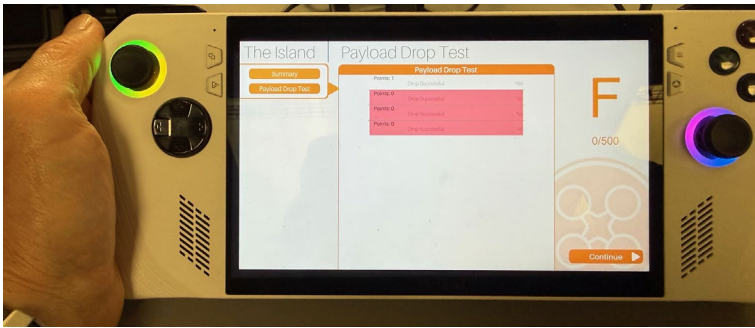
C-02: Balboa A.L.S. deployed their WavWhispr RF detection sensors to validate the system's capability to sense, collect, and analyze RF control and video signals of participating UAS.



A-10: Rhoman Aerospace flew sorties of three UAS to collect data for improving their automated flight avoidance software.



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B-08: Little Arms Studios Zephyr, an advanced virtual small unmanned aerial systems (sUAS) training simulator challenged stakeholders and technologists alike to pilot their aircraft through a variety of scenarios. Their Learning Management System (LMS) scored performance – in this instance the JIFX Director’s training grade.



D-06: Kalscott Engineering’s placed their Kestrel device in various locations around the field lab as well as on air and ground platforms including this Liminal UGV. The device consistently performed well reporting ID, position, and speed information in Cursor on Target format.





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A-01: Reach Power kept their small UAS aloft through power beaming. The UAS is expected to fly for six minutes on its normal battery but remained aloft for over an hour through Reach’s power beaming technology.



C-04: Thermopylae launch the SPART small UAS interceptor near their home base after meeting with the JVAB team, stakeholders, and other technologists at JIFX. The post launch flight achieved SPART’s furthest flight to date.



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Naval Postgraduate School Foundation members beside the CACTF “rubble pile” visited Camp Roberts to learn more about the JIFX program and what their support means to our technologists and stakeholders.

Upcoming Events

Event	Dates	Location
JIFX 26-3	11-15 May 2026	NPS Field Laboratory, Lake San Antonio, & Monterey
JIFX 26-4	10-14 August 2026	NPS Field Laboratory & Lake San Antonio

Dates & Location Subject to Change



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