



POWERED BY



MISSION

The mission of AFWERX is to invest in emerging technologies to broaden defense opportunities and expand Air Force and Space Force capabilities - transforming the national security innovation base for defense.



DEPARTMENT OF THE AIR FORCE

BUDGET

~\$1.3B combined SBIR/STTR budget

NUMBER OF AWARDS

Phase I ~1,000 per year

Phase II ~500 per year

STRATFI/TACFI: ~115 per year

UNIQUENESS

• **OPEN TOPIC** - The program encourages small businesses to submit dual-use technology solutions that can potentially solve any Department of the Air Force (DAF) mission need. The solicitations are technology-agnostic as a means to capture the best commercial capabilities and emerging technologies to empower Airmen and Guardians.

Solicitations: Phase I, Phase II, D2P2

• **SPECIFIC TOPIC** - The program seeks innovative solutions to a particular problem set defined by a DAF end-user or customer. Many times, the topics and requirements are not a dual-use capacity and are specific to the Department of Defense (DoD). Overall, these topics have clearly defined requirements and a known DAF customer built into the topic.

Solicitations: Phase I, Phase II, D2P2

• **STRATFI/TACFI** - Unique to the DAF, the STRATFI (Strategic Funding Increase) and TACFI (Tactical Funding Increase) programs provide additional funds to scale Phase II efforts to achieve better technology transition. By leveraging outside investment and multiple transition-vested partners, the program derisks development of the emerging technology and helps the small business to overcome the "valley of death".

TOPIC AREAS / OPERATIONAL IMPERATIVES

The Operational Imperatives are critical capabilities and functions the Department of the Air Force must invest in to protect the United States, to deter conflict, and project power against pacing challenges. The success of our military depends upon the ability to control the air and space. This is the change we must accelerate in order to win.

- **Space Order of Battle** - Commitment to operationalize space to deter attacks on our terrestrial operations and provide joint and combined forces the services from space that they depend on.
- **Operationally Focused ABMS** - Use of modern networking capabilities, communications capabilities, artificial intelligence, and data analysis from a number of sources, and processing information intelligently to support significantly improved operational decisions, and resilient and efficient force employment.
- **Moving Target Engagement** - Ability to identify, track, and engage numerous targets simultaneously, which will take a mix of air- and space-based capabilities.
- **Tactical Air Dominance** - Next Generation Air Dominance (NGAD) as the full family of innovative platforms and systems that allows our Air Force to control the sky.
- **Resilient Basing** - Strategy to reduce U.S. reliance on forward air bases.
- **Global Strike** - Initiative to identify the components of a B-21 family-of-systems, including uncrewed combat aircraft.
- **Readiness to Deploy & Fight** - Effort to connect a wide range of supporting information systems and facilities around the world to be able to mobilize, deploy and support our forces in a major conflict in the face of threats.

General DAF SBIR/STTR Program Information: <https://afwerx.com/afventures-overview/>

AFVentures Weekly Webinar: <https://afwerx.com/afventures-weekly-webinar-series/>