

### Minimize Simulator Ownership Expenses; Maximize Training

When budget or time constraints preclude acquisition and ownership of a simulator, training in the Kratos Aircrew Training Center (KATC) minimizes lifecycle expenses associated with simulator ownership and delivers high-quality training.

### Combat Experienced Instructors Bridge the Doctrine/Practical Application Gap

The KATC instructor staff is highly qualified with recent combat mission experience in a variety of weapons systems. KATC provides personalized aircrew academic instruction as well as in-depth training on various Crew Served Weapon Systems. With decades of military service KATC instructors incorporate tactical decision-making that allows trainees to be fully immersed in tactical training scenarios while utilizing effective Crew Resource Management.

### Aircrew Training Center of Excellence (ATCoE)

Kratos offers customized turn-key Aircrew Training Center of Excellence (ATCoE) options for customers looking for a more permanent solution to Aircrew Training. For those wanting the same level of service and training flexibility as offered at our Orlando-based KATC, Kratos can establish an ATCoE at the customer site(s) reducing student travel cost to zero. Kratos can provide all simulation systems, academics, logistics support and expert instruction on a per/student/per course price allowing for zero risk and maximum flexibility for your training mission.

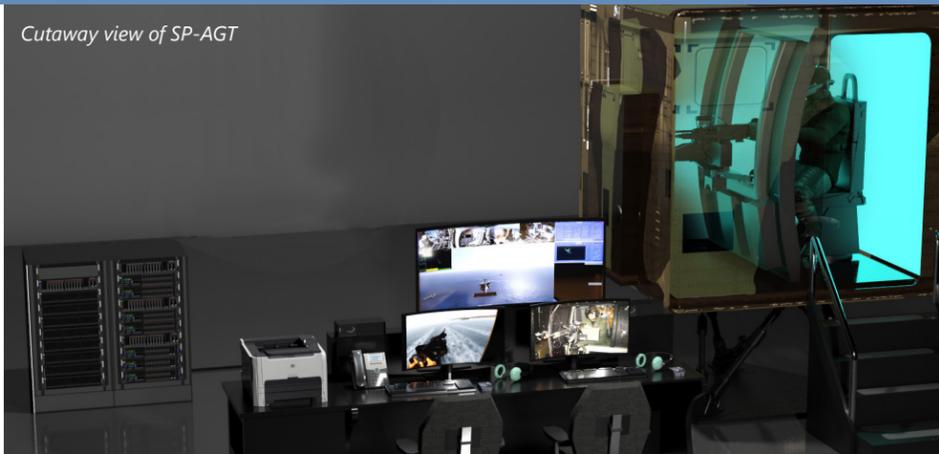
Located in Orlando, Florida, the Kratos Aircrew Training Center employs the latest technologies to maximize readiness in challenging and dynamic environments. In addition to Aircrew Combat Mission Training (ACMT), Kratos offers customizable turnkey training programs on light to heavy lift platforms in operational areas such as: Crew Coordination, Aerial Gunnery, Rescue Hoist Operations and Cargo/Sling Operations.

### The Kratos Advantage

Kratos offers a customizable curriculum or will integrate your existing curriculum into a unique aircrew training program that meets your mission needs. KATC training offers the following advantages:

- Only pay for the hours needed to train
- Academic and hands on weapons training
- Choice of your instructor or KATC instructor
- Virtual or Mixed Reality HMD options
- Choose from multiple weather operations
- Physical wind loading on weapons and wind effects
- Realistic environmental and aircraft smells
- Full motion and static device options

Learn more about Kratos' simulator training programs by contacting us at +1.407.678.3388 or [Training@KratosDefense.com](mailto:Training@KratosDefense.com).



Cutaway view of SP-AGT



# Building Aircrew Combat Readiness





# Advanced Aircrew Simulation Systems Refine Decision-Making Skills

Simulation systems offer aircrew trainees a realistic and immersive environment in which they can experience a broad range of scenarios and environmental conditions that they may encounter during live operations. Skilled engineering and manufacturing professionals combine craftsmanship with cutting edge technology, such as additive manufacturing, to create simulation training systems that enhance cost effectiveness. Included in the KATC are:

## Recognize and React to Aircrew Combat Mission Threats

Aircrew Combat Mission Training from Kratos Aircrew Training Center prepares aircrews to anticipate, recognize and react to threats in a tactical environment. Skills, procedures and processes learned in the classroom and labs are practiced and honed in advanced simulators. Curriculum includes:



Fundamentals of Aerial Gunnery

### Enhance Tactical Decision Making

“Tactical Aircrew Considerations” features individual and team responsibility, training in tactical areas and basic survival actions to better react, communicate and maneuver to avoid incoming threats.



Threat Awareness

### Strengthen Threat Awareness

“Pilot Threat Environment Considerations” emphasizes tactical mission planning, rehearsal and management for better threat awareness, situation assessment and aggressive or evasive response. Key pilot considerations including crew communications management, tactical formation considerations and weapons management are stressed.



VTRAT

### Virtual Threat Recognition and Avoidance Training (VTRAT)

“Rotary Wing Aircraft Threat Avoidance” utilizes VTRAT for rotary aircraft. Scan patterns for day/night environment and standard operating procedures are honed to better anticipate and respond to mission specific threats.



Hands-on Weapons Training

### Weapons Knowledge for Faster Response Times

The “Fundamentals of Aerial Gunnery and Hands on Weapons Training” (HOWT) lab prepares aircrews to be familiar with weapons characteristics, their cycle of operation, emergency procedures, rules of engagement and weapons pre-flight and in-flight troubleshooting. Solid weapons knowledge results in faster response time to mission threats.



### Multi-Position Aircrew Virtual Environment Trainer (MP-AVET) –

provides a blend of virtual and physical environments for training aircrew members on a variety of standard and non-standard aircraft. Mixed reality see-through helmet mounted displays enable aircrews to simultaneously see their hands, weapons, and other aircrew members along with the virtual environment outside the cabin in both unaided and NVG environments.

### Single-Position Aerial Gunnery Trainer (SP-AGT) –

a cost-effective aerial gunnery training system that provides the look, feel, motion, tactics, targets and realism for aerial gunnery training for rotary wing aircrew members. Specific training scenarios can be created from a full library of aircraft, surface vessels, ground vehicles, personnel and weapons to meet training needs. The Air Force Global Strike Command (AFGSC) has approved this simulator and AGT course to count towards some of their annual Continuation Training requirements.



### Multi-Role Reconfigurable Aircrew Trainer (MRRAT) –

a non-motion Mixed Reality aerial gunnery training device using state-of-the-art One-World terrain Virtual Gaming Environment to create mission scenarios, modify the environment, and control virtual entities - at any location around the world down to 1 square meter. This enables endless mission rehearsal and mission scenario options to challenge students in the most immersive environment available today in aircrew training. MRRAT is networkable to other aircrew training devices including pilot trainers.

### HELIMOD Mark III –

a virtual reality helicopter pilot simulator that is fully integrated with Kratos’ aerial gunnery training device suite to allow pilots to engage in crew coordination and true mission management in a variety of rotary-wing platforms. Tactical patterns can be flown allowing pilots to train with their gunners as they would fight in their specific aircraft platform. Full immersion through seat-shakers and the motion base provide for an excellent training and mission rehearsal environment.

