TRADOC Capability Manager Unmanned Aircraft Systems

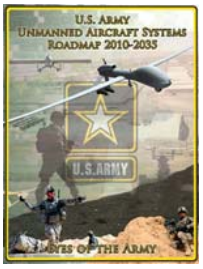
TRADOC Capability Manager Unmanned Aircraft Systems, reporting through the U.S. Army Aviation Center of Excellence Commanding General to the TRADOC Commanding General will perform as the Army's centralized and overall coordinator for all combat and training developments and user activities associated with Army UAS. The TCM UAS areas of responsibility incorporate all unmanned aircraft, mission equipment payloads, communications architectures, display and control elements, the human element, and life cycle logistics.

TCM UAS is the lead TRADOC representative with UAS component program or product managers in the material development, acquisition and life-cycle management of Army UAS.

TCM UAS Functions

- Assist with the development of an overarching and coherent UAS transformation strategy and warfighting analysis to determine the requirements for current and future systems that keep pace with the Army and joint visions of the future.
- Coordinates and integrates Army UAS capabilities. When required or directed, TCM UAS represents the U.S. Army Aviation Center of Excellence, TRADOC, and the U.S. Army at service, joint and other government agency venues.
- Coordinates and continually monitors the development and integration of tactics, techniques and procedures through simulations and senior war games as a part of overall training development of UAS into Army and Joint operations.
- Monitors the testing, evaluation, identification and coordinated development of expanded UAS capabilities such as persistent presence, manned-unmanned teaming, weaponization, and resupply for both Army and other services.
- Develops and integrates all UAS standard mission equipment packages such as air vehicles, payloads (electro-optical, infrared, laser designator, standard radios), command and control systems, data dissemination, etc.
- Coordinates, synchronizes and develops an integrated special mission payload concept that supports proponents' capability requirements.
- Synchronizes and integrates all elements of UAS doctrine, organization, training, materiel, leadership and education, personnel and facilities. Additionally, coordinates with USAACE to ensure Joint demands are identified, properly analyzed and staffed for a singular TRADOC/Army position.
- Assesses, prioritizes and supports science and technology efforst that provide benefits to the Army UAS strategy.

U.S. Army Unmanned Aircraft Systems Roadmap 2010-2035



The UAS Roadmap outlines how the U.S. Army will develop, organize and employ UAS from 2010 to 2035 across the full spectrum of military operations. The Army continues to capitalize on UAS capabilities and implement emerging technologies so that the Warfighter can conduct missions more effectively and with less risk.

The Army's experiences in Operation Enduring Freedom and Operation Iraqi Freedom prove that UAS significantly augment mission accomplishment by reducing Soldiers' workload and their exposure to direct enemy contact. UAS serve as unique tools for the commander, which broaden battlefield situational awareness and the ability to see, target and destroy the enemy by providing actionable intelligence to the lowest tactical levels.

Unmanned platforms are the emerging lethal and non-lethal weapons of choice that will continue to transform how the Army prosecutes future operations and ultimately save lives. The idea that UAS are "unmanned" is a misnomer because the Soldier is the backbone of the Army's UAS strategy. The Army UAS Roadmap is strictly a conceptual document and is not proscriptive guidance on programmatic decisions. It is not intended to be directive in nature but more specifically used as a strategic communication tool, which establishes a broad left and right limit, for future UAS development in terms of capability and employment. The concepts outlined within the UAS Roadmap are not tied to specific resourcing, personnel, or program initiatives and should not be used to drive requirements.

The major ideas outlined within the Roadmap will need to be validated through experimentation, evaluation, implementation, and final assessment. The Roadmap will be reviewed every two years in order remain relevant with respect to operational needs, lessons learned, and emerging capabilities.

Download the U.S. Army UAS Roadmap 2010-2035

TRADOC CAPABILITY MANAGER UNMANNED AIRCRAFT SYSTEMS
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