



U.S. AIR FORCE

# CYBERSPACE OPERATIONS OFFICER (17X)

## WHAT WE DO

- ▶ **Offensive Cyberspace Operations (OCO)**  
Expertly employs tactics, techniques, and procedures required to identify, perform reconnaissance, and exploit vulnerabilities within network environments. Skilled in circumventing, breaching, persisting, and producing effects within adversarial command and control.
- ▶ **Defensive Cyberspace Operations (DCO)**  
Employs cyberspace capabilities to accomplish network reconnaissance, surveillance, combat training, and threat hunting operations. Detects, denies, disrupts, deceives, and mitigates adversarial access to networks.
- ▶ **Warfighter Communications Operations**  
Plans, builds, maintains, and operates electronics systems necessary for warfighting operations in and through cyberspace: network system operations, information assurance, program management, telecommunications, platform information technology, cybersecurity, command and control.
- ▶ **Expeditionary Communications Operations (ECO)**  
Engineers, installs, and extends tactical communications to enduring cyberspace capabilities to the warfighter in support of humanitarian assistance, disaster relief and contingency operations. Highly adaptable, ready to deploy at a moment's notice, and operates in combat and isolated environments.
- ▶ **Cyberspace Capabilities Development**  
Designs, develops, and documents solutions that can be tactically employed by cyberspace forces, to include developing exploits, tools, and payloads as well as software development in support of software factories and information technology operations.



## Broadening Opportunities

- Advanced Academic Degrees (AAD)
- Cyber and Intelligence Experience Exchange Tour (CIEET)
- Computer Network Operations Development Program (CNODEP)
- Education with Industry (EMI)
- USMC Expeditionary Warfare School (EWS)
- Information Officer Engineering Exchange (IOEE)
- Junior Officer Cryptologic Career Program (JOCCP)
- Weapons Instructor Course (WIC)
- Academic Faculty Pipelines

## Unique Organizations and Exposure

- Air Operations Centers (AOC)
- Joint Communications Support Element (JCSE)
- Joint Communications Unit (JCU)
- National Airborne Operations Center (NAOC)
- National Security Agency (NSA)
- White House Communications Agency (WHCA)
- 724 Special Tactics Group (STG)

## Formal Training

- Undergraduate Cyber Warfare Training (5.5 months) - All Specialties
- Air Force Basic Operators Course (4 months) - Offensive Specialty
- Various Analyst Courses (3-4 months) - Defensive Specialty