

505 CCW MISSION

TRAIN, TEST, EVALUATE, AND DEVELOP TACTICS AND SYSTEMS FOR THE JOINT WARFIGHTER TO COMMAND AND CONTROL MULTI-DOMAIN OPERATIONS IN A VOLATILE, UNCERTAIN AND COMPLEX GLOBAL STRATEGIC ENVIRONMENT

505 CCW VISION

DEVELOP WORLD-CLASS JOINT AND COALITION WARFIGHTERS TO ACHIEVE AND MAINTAIN AIR, SPACE, AND CYBERSPACE C2 SUPERIORITY



505 CCW supported 256 training, 255 test and 106 joint/coalition exercise events in FY 2018 impacting 249,667 warfighters

GENERAL INFORMATION

505TH COMMAND AND CONTROL WING

128 HARTSON STREET
HURLBURT FIELD, FLORIDA
32544

COMM: (850) 884-1800

DSN: 579-1800

FAX: (850) 884-6361

505 CCW CONTACTS

[HTTPS://CCW.HURLBURT.AF.MIL](https://ccw.hurlburt.af.mil)

[HTTPS://WWW.FACEBOOK.COM/505THCCW](https://www.facebook.com/505thccw)

[HTTPS://TWITTER.COM/505TH_CCW](https://twitter.com/505th_ccw)



“The 20th Century represented the pinnacle of tactical airpower ... the 21st Century will belong to those who excel at operational-level command and control and cross-domain integration.”

505TH COMMAND AND CONTROL WING



**DELIVERING
C2 COMBAT CAPABILITY**

505TH TRAINING GROUP
 DSN: 579-3304 COMM: (850) 884-3304
 HURLBURT FIELD, FL

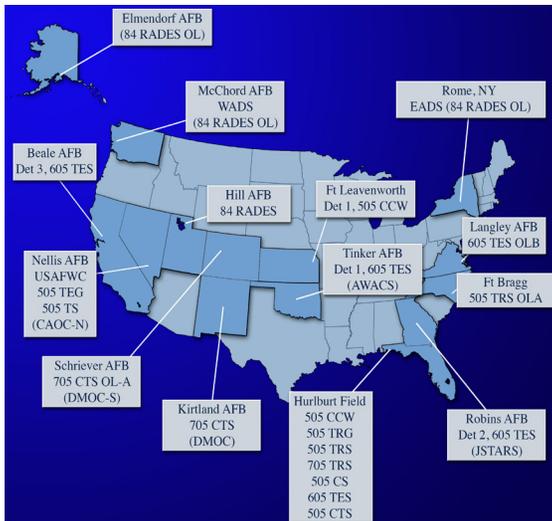
Trains US and multinational personnel in the principles, processes and systems used in commanding air, space and cyber forces at the operational level of war

505TH TEST AND EVALUATION GROUP
 DSN: 682-8583 COMM: (702) 652-8583
 NELLIS AFB, NV

Advanced C2ISR Test, Training and Tactics development group specializing in multi-domain C2, joint/coalition, and live/virtual/constructive integration and innovation. Conducts operational C2 training at RED FLAG as well as realistic combatant command combat rehearsals at VIRTUAL FLAG. Performs operational test for the full range of C2ISR systems; and monitors, evaluates, and optimizes Air Defense radar networks

DETACHMENT 1, 505 CCW
 DSN: 552-4051 COMM: (913) 684-4051
 FT LEAVENWORTH, KS

Provide airpower expertise and exercise support to US Army Mission Command Training Program (MCTP) and liaison to the Combined Arms Center (CAC)



FORMAL COURSES

AOC Initial Qualification Training

Operator Training

- Combat Operations Course - (19 days)
- Combat Plans Course - (19 days)
- Strategy Course - (19 days)
- ISR Course - (19 days)
- Communications Course - (19 days)
- Air Mobility Operations Course - (19 days)
- Interface Control Operator Course - (24 days)
- Airspace Course - (19 days)
- Personnel Recovery Course - (14 days)
- Integrated Air and Missile Defense Course - (5 Days)

Technician Training

- Combat Plans/Ops Technician Course - (16 days)

Administrator Training

- System Administrator Course - (19 days)
- Networks Administrator Course - (19 days)

Joint Air Operations Command and Control Course (JAOC2C)

- Trains joint personnel, O-5 and below, who require introductory training in AOC operations - (13 days)

SAASS AOC Senior Staff Course (SASSC)

- Provides overview of AOC and operational level of warfare for students of the School of Advanced Air and Space Studies - (3 days)

Combined/Joint Air and Space Operations Senior Staff Course (C/JSSC)

- Prepares O-6s and select O-5s for senior leadership responsibilities in the AOC by providing an overview of the planning, coordination, integration and execution requirements of operational-level air & space operations
- Facilitated by Air Force Senior Mentors - (6 days)

Air Force Forces Senior Staff Course (AFSSC)

- Prepares O-6s and select E-9 and O-5s for AFFOR staffs to support the Commander AF Forces warfighting role
- Facilitated by Air Force Senior Mentors - (5 days)

AFFOR Intermediate Staff Course (AISC)

- Prepares O-3s through O-5s for theater-level AFFOR Staff duties - (5 days)

Air Component Special Technical Operations Planners Course (ACSTOPC)

- Provides training and education to Joint and Air Component planners on integration of STO into AOC and AFFOR processes - (4 days)
- Available in-residence at Hurlburt Field and via MTT - (5 days)

Command & Control Warrior Advanced Course (C2WAC)

- Prepares select O-3s to O-5s on integration all of the capabilities (kinetic & non-kinetic) available to the C/JFACC, including Special Access Program capabilities in planning and executing air operations at the operational level meet JFC requirements
- Course heavily emphasizes use of the Joint Operation Planning Process for Air (JOPPA) and the Joint Air Tasking Cycle framework through practical exercises - (19 days)

C-HQ Tactics Development & Lessons Learned
<https://cs2.eis.af.mil/sites/10313/SitePages/Home.aspx>

KEY SUPPORT

BLUE FLAG

- Provides continuation training for C-NAF CCs, AOC and AFFOR staffs. Includes Crisis Action Planning, TPFDD development, full ATO cycle execution for all AOC divisions. Jt National Trng Ctr accredited by CJCS/J7
- Up to 2 per year with training audience-derived scenarios spanning irregular warfare to major combat operations

VIRTUAL FLAG

- Four exercises annually executing Combatant Commander OPLANS in major combat operations in a joint/coalition environment
- Operational Integration exercises tactical execution within the CFACC's Theater Air Control System constructive, virtual, and live (VCL) capabilities
- Joint National Training Capability accredited integrating mission such as Interdiction, Integrated Air and Missile Defense, Command and Control, Personnel Recovery, Air Operations in Maritime Surface Warfare, Airlift, and ISR

RED FLAG Advanced AOC Training

- Provides AOC warfighters operational-level training in a dynamic, virtual, constructive, live environment across air, space, and cyber domains with Joint and Coalition participants
- Execution in Contested, Degraded and Operationally Limited environment

USAF Weapons School

- Provides operational level support to Large Force Integration Phase
- Contributes Personnel Recovery subject matter expert, operational and tactical communications and Joint Virtual-to-Live Integrated Air and Missile Defense

Homeland Defense and Radar Evaluations

- Integrated staff provides real-time national radar picture and detailed analysis to the nation's three air defense sectors
- Evaluates, optimizes and tests homeland defense and deployed tactical long-range radars to deliver the most sensitive, effective integrated radar picture

Inter-Service Training and Exercise Events

- Mentors sister-Service general officer commands/ staffs, on Air Force missions and related joint processes
- Provides complete, doctrinally correct Air Component representation (through live and replicative forces)
- Provides US/Coalition Forces a component-to-component opportunity for operational-level practicum of joint doctrine's boards, bureaus, centers, cells, and working groups in a larger-force, headquarters-level training environment

Warfighter Focused Events (WFEs)

- Multiple distinct mission threads developed from warfighter requirements; focuses on small scale team training with multi-level security
- Integrates joint and coalition forces to support warfighter readiness and requirements

Experimentation Support

- Provide Air Force subject matter expertise in planning, execution, modeling and simulation, and AOC functionality support to joint and sister service experiment programs

Test and Evaluation

- Conducts operational test for AOC, AWACS, JSTARS, CRC, BCC, TACP and DCGS
- Conduct tactics development and evaluations to optimize the combat effectiveness of the TACS and ISR systems

JCS/CCDR Exercise Program Support

- Provide continuation training support to C-NAFs during JCS/CCDR-directed annual exercises