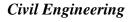
BY ORDER OF THE SECRETARY OF THE AIR FORCE

AIR FORCE INSTRUCTION 32-4007 7 MARCH 1994







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Pages: 7

Distribution: F

This instruction implements AFPD 32-40, Disaster Preparedness, by providing guidance and procedures for planning, training, and executing a base-wide Camouflage, Concealment, and Deception (CCD) program at Air Force installations, facilities, and deployed locations.

SUMMARY OF REVISIONS

This is the initial publication of AFI 32-4007.

Section A—Camouflage, Concealment, and Deception (CCD) Program

- 1. **Definition.** CCD supports Air Force war and contingency plans by minimizing the loss of operational capability during contingencies. The highest priorities are force survivability and mission continuation. CCD refers to the capability to reduce the effectiveness of attacking air and ground forces and reconnaissance assets. CCD includes the principles of hide, blend, disguise, and decoy to protect friendly assets and aim points with materials and equipment to alter or obscure part or all of their multispectral signatures.
- 2. Principles. CCD is an integral part of the installation Air Base Operability Program (AFI 10-212 [formerly AFR 360-1]). The principles of CCD are enduring and some of them will apply during any contingency. Proper CCD techniques can also ensure the survivability of assets in low intensity conflicts, peacekeeping, and humanitarian missions.
 - 2.1. Commanders must set up a single, comprehensive CCD program that supports all units at each Air Force installation, including units of other Services.
 - 2.2. At overseas installations, commanders must coordinate a memorandum of understanding or host-nation support agreement (commensurate with the threat) to integrate the CCD program at main

- operating bases, forward operating locations, aerial ports of debarkation, collocated operating bases, and bare bases.
- 2.3. The CCD program must address all joint service support, as well as, host, tenant, typical transient and deployed forces.
- 2.4. Commanders must base the CCD program on the threat to the installation and to its likely taskings since units must respond to mission taskings and continue mission operations during the contingency.

Section B—Responsibilities

- **3. HQ USAF/CE.** The Air Force Civil Engineer:
 - 3.1. Acts as the office of primary responsibility (OPR) for the Air Force CCD program.
 - 3.2. Advises the Air Force Council, Chief of Staff, Secretary of the Air Force, and the Joint Staff on CCD issues.
 - 3.3. Approves the Air Base Systems Research, Development, and Acquisition Strategic Plan, which includes CCD initiatives.
 - 3.4. Develops, coordinates, and issues CCD policy, programs, and doctrine.
- **4. HQ USAF/CEOR.** Office of The Civil Engineer, Directorate of Operations and Maintenance, Readiness Programs Division.
 - 4.1. Provides CCD policy and program oversight.
 - 4.2. Reviews CCD directives and guidance prepared by the Air Force Civil Engineer Support Agency (AFCESA), prior to HQ USAF/CE approval.
 - 4.3. Advocates for CCD acquisition projects.
 - 4.4. Chairs the annual Civil Engineer Readiness Workshop. The Workshop provides a forum to discuss, recommend, and approve matters that affect CCD. See AFI 32-4001, *Disaster Preparedness Planning and Operations* (formerly AFR 355-1) for additional information on associated working groups.
- **5. SAF/AQPT.** Assistant Secretary of the Air Force (Acquisition), Combat Systems Division.
 - 5.1. Develops, coordinates, and publishes the ABO program management directive which will include CCD related research, development, and acquisition.
 - 5.2. Advocates for CCD research and development projects.
- **6. HQ AFCESA/DX.** The Air Force Civil Engineer Support Agency, Director of Readiness, provides technical assistance, standardization and guidance to the major commands (MAJCOM), the research and development community, other services and allies on CCD issues. The Directorate also:
 - 6.1. Reviews all AFTO Form 22, **Technical Order System Publication Improvement Report and Reply**, submissions on CCD-related Technical Orders. Submits applicable AFTO Forms 22 to the appropriate Air Logistics Center.

- 6.2. Develops installation-level Disaster Preparedness Training Packages (DPTP) covering CCD operations and equipment. These DPTPs are listed in AFIND 11, *Index of Disaster Preparedness Training Packages*. The Civil Engineer Readiness Flight will use these DPTPs in their CCD Train-the-Trainer programs.
- 6.3. Coordinates Air Force inputs and serves as the Air Force representative to the Joint Camouflage, Concealment, and Deception (JCCD) program office.
- 6.4. Coordinates on and aids in the preparation of CCD-related Mission Needs Statements, and monitors Operational Requirements Documents and Joint Service Operational Requirements Documents.
- 6.5. Manages Allowance Standard 156. Also, reviews requested changes to CCD-related allowance standards for new equipment, and forwards applicable changes to the appropriate Air Logistics Center.
- 6.6. Develops, coordinates, and maintains CCD-related Air Force instructions and manuals.
- 6.7. Through Air Education and Training Command (AETC), establishes and monitors formal CCD training.
- 6.8. Develops, coordinates, and maintains CCD-related Disaster Preparedness Training Packages (DPTP).
- **7. ACC/DRWC.** Air Combat Command, Directorate of Requirements, Range and Air Base Systems Division, will:
 - 7.1. Address CCD initiatives and consolidate MAJCOM requirements during formulation of the USAF Program Objective Memorandum (POM).
 - 7.2. Coordinate the CCD acquisition efforts of Air Force Material Command.
- **8. MAJCOM and Air Reserve Component Commanders.** The command civil engineer (CE) is the MAJCOM agent for CCD. Each MAJCOM CE will designate an OPR for the command CCD program. The OPR will:
 - 8.1. Establish a CCD planning and Train-the-Trainer program at each Air Force installation.
 - 8.2. Establish CCD training programs at MAJCOM and ARC contingency training sites.
 - 8.3. Program, budget, and procure CCD equipment and supplies adequate to support contingency operations.
 - 8.4. Participate in the Civil Engineer Readiness Workshop and associated working groups. See AFI 32-4001 for additional information on the Civil Engineer Readiness Workshop.
 - 8.5. Coordinate on command plans and agreements to ensure CCD is adequately addressed.
 - 8.6. Develop program review and quality assurance programs to monitor the installation CCD program. Develop criteria for exercise contingency response for installation use.
 - 8.7. Through MAJCOM IG, evaluates the CCD program.
 - 8.8. Review all command AFTO Form 22 submissions on CCD-related technical orders. Forward approved forms to HQ AFCESA/DX for possible Air Force-wide implementation.

- 8.9. Integrate CCD planning, organizing, training, equipping, and command and control with the functional MAJCOM staff.
- 8.10. Advocate CCD acquisition strategies in the MAJCOM POM.
- 8.11. Develop, coordinate within the MAJCOM staff, and publish command supplements to this instruction to provide additional guidance to installation-level programs, if required.
- 8.12. Allocate and manage MAJCOM assigned CCD assets based on unit mission requirements.
- 8.13. Validate and ensure CCD-related manpower requirements are reflected in the CE Readiness Flight manpower standard.

9. Installation Commander. Establishes and implements the installation CCD program.

- 9.1. Insert CCD guidance into applicable operations orders, plans, directives, and similar documents.
- 9.2. Ensure CCD is evaluated during local readiness exercises.
- 9.3. Support units, deploying and in-place, with sufficient CCD capabilities to ensure mission accomplishment.
- 9.4. Ensure a single CCD program supporting all assigned and attached units at each Air Force installation is established.
- 9.5. Coordinate a memorandum of understanding or joint support plan with host nation counterparts integrating the CCD program at overseas main operating bases, forward operating locations, aerial ports of debarkation, collocated operating bases, and bare bases and sites, if the threat dictates.
- 9.6. Ensure all sister services, as well as host, tenant, augmenting forces, and transient personnel or assets are addressed in the installation CCD planning document.
- 9.7. Ensure the Tactical Deception Officer (TDO) and Tactical Deception NCO (TDNCO) provide assistance and expertise to plan and execute the installation CCD program.
- 9.8. Ensure CCD considerations are incorporated into deployment location plans and home station facilities and landscaping, if appropriate.
- **10. All Units.** Each assigned or attached unit will provide functional support to the installation's CCD program. This support will include unit planning, training, and operations. Additionally, each unit will:
 - 10.1. Appoint a unit CCD program representative to manage and coordinate unit aspects of the CCD program.
 - 10.2. Develop checklists supporting the installation CCD plan and equivalent war and contingency plans.
 - 10.3. Identify requirements and budget and obtain, store, and maintain unit CCD equipment.
 - 10.4. Designate and train deploying unit personnel to perform CCD operations if required by the unit CCD plan.

11. Civil Engineer (CE):

11.1. Through the Civil Engineer Readiness Flight, provides planning and training for the installation CCD program. Furthermore, the Readiness Flight will:

- 11.1.1. Develop a CCD program as outlined in this instruction.
- 11.1.2. Brief and advise the installation commander on measures planned, programmed, and initiated to ensure base operability during contingencies. Usually accomplished during program reviews.
- 11.1.3. Coordinate CCD planning documents.
- 11.1.4. Assist the Survival Recovery Center/Contingency Support Staff Commander in CCD operations.
- 11.1.5. Coordinate with the installation exercise evaluation team chief to ensure CCD capabilities are evaluated during readiness exercises.

Section C—Planning and Operations

- **12. Planning Objectives.** Procedures for employing the CCD capability must be incorporated into all contingency planning documents used at the installation. The specific procedures will normally be outlined in planning documents developed by the responsible functional agency to ensure they are fully integrated into work performance schedules. Specific requirements will be directed by the MAJCOM and will include base-wide measures and specialized tasks. General responsibilities for accomplishing CCD tasks will be incorporated in Base OPlan 32-40 (see AFI 32-4001) covering the CCD principles of:
 - **12.1. Hide.** To conceal an asset from visual or sensor sided acquisition.
 - **12.2. Blend.** To combine the parts of a scene or target so as to render the parts indistinguishable.
 - **12.3. Disguise.** To modify so as to prevent recognition of the true identity or character of an asset or activity.
 - **12.4. Decoy.** An object or false signature simulating a target signature.

13. Operations:

- 13.1. The Civil Engineer Readiness Flight will manage the installation CCD program. This includes:
 - 13.1.1. Commensurate with the threat, availability of training resources, and qualified instructors, provide "train-the-trainer" instruction for unit CCD operations.
 - 13.1.2. When dictated by the threat, develop a comprehensive CCD appendix to the base OPlan 32-40. This appendix will outline the responsibilities and execution of installation CCD measures as described in this instruction.
 - 13.1.3. When dictated by the threat, develop a CCD appendix, in appropriate plans, for known deployment locations, provided sufficient information is known about the location, attack profiles, and CCD program responsibilities are not covered in the appropriate joint/base support plan.
 - 13.1.4. Develop a base-line CCD guidance package for unplanned contingency deployments. This package will outline the responsibilities and execution of the expedient CCD measures that could reasonably be implemented during unplanned contingency operations.
 - 13.1.5. Provide assistance to the installation TDO and TDNCO, upon request.

13.2. All Units:

- 13.2.1. All units tasked in the installation CCD planning document will develop supporting checklists addressing their general and specific tasks. Forward these checklists to the Civil Engineer Readiness Flight for review.
- 13.2.2. Small detached units located off a major Air Force installation are not required to develop a separate CCD plan. However, each must develop CCD operating procedures and coordinate them with their host installation Civil Engineer Readiness Flight.

Section D—Training

- **14. CCD Training.** CCD training is fundamental to an installation's contingency readiness capability. People train in two stages; formal and specialized training during AETC formal courses, and proficiency training at the installation or attendance at a MAJCOM contingency readiness site.
- **15. Installation Level Training.** Commensurate with the threat the Civil Engineer Readiness Flight will train designated base personnel in CCD techniques for use at home station or designated deployment location(s). The Readiness Flight will use applicable CCD Disaster Preparedness Training Packages to conduct this "Train-the-Trainer" training.
- **16. MAJCOM Contingency Readiness Training.** MAJCOMs will incorporate CCD training into the training programs at their contingency readiness training sites. Emphasis will be on "hands-on" with assigned CCD assets.

JAMES E. McCARTHY,, Maj General, USAF The Civil Engineer

Attachment 1

REFERENCE DOCUMENTS

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