

**BY ORDER OF THE COMMANDER
AIR FORCE MATERIEL COMMAND**



AIR FORCE INSTRUCTION 10-2501

**AIR FORCE MATERIEL COMMAND
Supplement 1**

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Civil Engineer

**FULL SPECTRUM THREAT RESPONSE
(FSTR) PLANNING AND OPERATIONS**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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Civil Engineer Readiness division/flight staffs will provide requirements related to AFI 10-2501 in appropriate base supplements and plans. For the purpose of this supplement, Readiness flights, branches, and divisions are synonymous. Coordinate documents containing specific directives with HQ AFMC/CEO prior to publishing. This supplement aligns the AFMC supplement with the Air Force instruction. It establishes current AFMC Nuclear, Biological, Chemical, Conventional (NBCC) warfare defense training procedures, Hazardous Material (HAZMAT) emergency response training, equipment deployment procedures for Chemical/Biological (CB) warfare hazard areas, mask fit/integrity testing procedures, and reporting instructions for the quarterly Readiness mission capability report and monthly AFMC Readiness Quality Performance Indicator report. This supplement does not apply to the Air National Guard or US Air Force Reserve units and members.

AFI 10-2501, 24 December 2002, is supplemented as follows:

2.4. HQ AFMC battle staff serves as the MAJCOM disaster support group. Installations should request support from other units and/or agencies through their local battle staff. The installation battle staff will request assistance through the HQ AFMC battle staff, and all actions will be tracked through both functions. The appropriate HQ AFMC functional manager will obtain required assistance and monitor actions through completion.

2.13.2. HQ AFMC/CE is responsible for the command FSTR program. HQ AFMC/CEOX, Readiness branch staff personnel perform functional and resource management duties.

2.14.3. HQ AFMC/LGRP is OPR for nitrogen tetroxide shipments which are administered by Detachment 3, WRALC/AFT at Robins AFB GA., Kelly Annex, and AFMC/CEV is OPR for the radioactive and hazardous waste program which is administered by AFIOH/SBRA at Brooks AFB TX.

2.16.6. Establish a protective shelter program according to AFMAN 32-4005, *Personnel Protection and Attack Actions*, and AFMC WMP-1 and provide for natural disaster protective facilities, as required. Shelter requirements will be developed based on identified base peacetime and wartime threats.

2.16.7. The CE Readiness flight will include Disaster Response Force (DRF) team composition and equipment requirements in their local directives.

2.16.20. Ensures through the HAZMAT emergency planning team that Weapons of Mass Destruction (WMD) contamination control capabilities are addressed.

2.17.1. Unit FSTR Representatives (UFRs) will receive initial training identified in **Table 9.3**. Refresher training requirements identified in **table 9.3** may be satisfied by Readiness flight personnel during the annual unit FSTR SAVs, or Readiness UFR meetings. CE Readiness will provide unit FSTR representatives all applicable updates, and document training in a database.

2.17.4. UFRs will conduct internal unit self-inspections semi-annually (January and June). Unit self-inspection checklists and reporting format will be provided to UFRs by the Readiness flight. UFRs will forward a copy of their self-inspections to the Readiness flight. UFRs and Readiness flights will keep self-inspection report data for a period of one year.

2.17.7. The Civil Engineer Readiness flight will be the focal point for development and distribution of FSTR training materials to the units through their UFRs.

3.5. Meet with local civil authorities (fire, civil preparedness, medical, police, others) each year to review mutual support agreements and notification and response procedures. Mutual support agreements will be developed according to local procedures. Agreements will be coordinated through the wing legal office.

3.6. Checklists will be reviewed annually, or upon published change to FSTR Plan 10-2.

3.7.3. The local base instruction/supplement will include operations, administration, training, logistics, planning, and specialized team requirements.

3.7.5. Annex C is not required for AFMC Installations. Base Weather Support Plan actions, to include severe weather warnings, alerting procedures, and unit/base populace actions, will be incorporated into Annex B and exercised annually. Each base agency will ensure their portion of this plan is current and accurate. To further consolidate planning effort, each annex in FSTR Plan 10-2 can be expanded to include all emergency/contingency actions required to sustain and recover base operations as a result of natural disasters, sabotage, or major accident (see AFI 10-211, *Contingency Response Planning*). Do not repeat information that appears in the basic plan or other installation plans (i.e., Plan 45, Part 2, *Installation Mission Continuity and Restoration Plan*). Add an Annex X to FSTR Plan 10-2 that references all related base plans.

3.9. Each base will establish a HAZMAT planning and response program designed to meet local requirements.

3.9.2. The installation HAZMAT emergency program manager will ensure that the HAZMAT emergency planning team addresses HAZMAT/WMD decontamination capabilities to include manning, training, and equipage requirements for inclusion into local plans. The status will be briefed at the Readiness Working Group.

5.5. ACC Plan 32-1, *CONUS Radiological Accident/Incident Response and Recovery Plan* is available on the HQ ACC Civil Engineer CEX Web Page (<https://ce.acc.af.mil/cex/cex.asp>) under, CEXO. You

can also contact HQ ACC/CEX, 129 Andrews Street, Suite 102, Langley AFB VA, 23665-2769, or phone them at DSN 574-7657 to obtain a copy of this plan.

8.3.2. Radiological teams will be equipped according to DoD 5100.52-M, *Nuclear Weapon Accident Response Procedures (NARP)*.

8.3.6. The type of vehicle used as the mobile command post (MCP) vehicle will be determined by the CE Readiness chief and be clearly identified with a sign marked "MOBILE COMMAND POST." The MCP may be any type vehicle suitable to mission and environmental needs; however, as a minimum, it must have secure, weather-tight storage for response equipment and be equipped with emergency (flashing) beacons and a siren as per local laws. It will be afforded emergency vehicle maintenance priorities. The MCP will be equipped with suitable command, control, communication, and information (C3I) systems, including a public address system, to ensure adequate support of Disaster Response Force members. On- and off-base grid maps and local road maps or Atlas for the base response area will be maintained. Clear plastic overlays or templates scaled to the grid maps are required for monitoring incidents and marking the disaster cordon. Environmental (weather) monitoring systems and secure communications are also desirable.

8.5.3. Each AFMC installation will maintain sufficient C-1 bag equipment (as listed in table 8.1) to support all A/DW coded Unit Type Code (UTC) positions. Local procedures should be developed to ensure these assets are provided to other UTC personnel selected for TDY and JCS rotational taskings to Chemical/Biological (CB) threat areas. All CB equipment should be purchased under PEC 27593 to maintain accountability of CB equipment costs and forecast CB budget requirements. All NBC equipment requirements will be identified and monitored under the Mobility Inventory Control and Accountability System (MICAS) system. All units maintaining their own NBC assets will provide requested data to Base Supply for input into the MICAS system.

8.6.4. Units, in conjunction with CE Readiness and LGR, will ensure students attending NBCC training have sufficient Personal Protective Equipment (PPE) to allow practice of donning and doffing procedures during training sessions.

9.2. Ensure all tenant unit NBCC and HAZMAT training requirements are clearly identified in an official memorandum of agreement or the appropriate host tenant support agreement.

9.3.1. CE Readiness flights will submit training requirements for formal Air Education and Training Command (AETC) courses, as priority 1 or 2 requirements, to the CE training manager during the annual call (Jul-Sep) each year. All readiness technicians will maintain technical currency by attending the J3AZP3E971 003 Adv Readiness Class every 5 years.

9.3.4. Provide copies of all locally developed training materials to HQ AFMC/CEOX 4225 Logistics Avenue, Wright-Patterson Air Force Base OH 45433-5746.

9.5. Primary and alternate Disaster Control Group (DCG) members will receive initial training on their assigned team position and base response responsibilities. Primary and alternate DCG members will receive refresher training annually. Participation in at least one wing exercise or actual contingency response may be credited as refresher training. Training will be conducted by CE Readiness personnel and focus on operational compliance, instruction on new equipment, or changes in policy. Initial and refresher training will cover the full spectrum of disaster response requirements including terrorist activities involving chemical and biological agents.

-DCG Training – 4 hours

--AFCESA developed multimedia lesson plans or available Readiness Training Packages (RTPs), local FSTR Plan 10-2 requirements, HAZMAT orientation briefing and response procedures, and all reciprocal response agreements with local communities or agencies

9.7.7. NBCC defense training is required for all deployable AFMC military personnel and will be provided to all tenant units as required. Refresher training will be conducted by CE Readiness personnel and focus on individual proficiency demonstrations, instruction on new equipment, or changes in policy. Medical portions of NBCC training (Nerve Agent Antidotes, Vaccination protocols,) will be conducted by personnel certified by SG through an approved medical course such as Self Aid Buddy Care. Initial and refresher training will cover the full spectrum of NBC warfare as listed below.

- NBCC Initial – 8 Hours

-- AFCESA developed multimedia lesson plans or RTPs, and Explosive Ordnance Reconnaissance (EOR) video

--- Demonstration performance of RTPs – mini exercise

--- Hands-on mask inspections will be conducted by students using applicable technical orders

--- Donning and doffing – CCA (physically set-up and process)

--- Mask Confidence Training (MCT)

---- All AFMC bases with mask confidence chambers will use CS as their primary training agent

--- Decon procedures (video 606038 Wartime Threat/Protective Actions/Procedures)

--- Overview of new equipment, i.e., M22, M-90, CAMs, etc.

--- Inspect 10% of student masks for integrity (random sample) using TDA 99M tester (once received)

- NBCC Refresher – 4 hours (add one additional hour for CCA, one additional hour for MCT)

-- AFCESA developed multimedia lesson plans or RTPs, and EOR video

--- Q and A for knowledge – go over questions that were missed

--- Hands-on mask inspections by students will be conducted using applicable technical orders

--- Samples of behavior -- proficiency performance

---- Donning and doffing – CCA (physically set-up and process)

---- Decon procedures (video 606038 Wartime Threat/Protective Actions/Procedures)

--- Inspect 10% of student masks for integrity (random sample) using TDA 99M tester (once received)

--- MCT every 3 years, minimum

--- Overview of new equipment, i.e., M22, M-90, CAMs, etc.

9.7.8. Unit Commanders will ensure officer and enlisted Task Qualification Training includes performing wartime tasks while in the complete ground crew Individual Protective Equipment (IPE). Supervisors will develop training requirements, ensure training is accomplished, and training/proficiency evaluations are documented in a database, OJT records, or a method determined locally. Specialty Training will be evaluated to insure all military personnel are able to operate and survive in a contaminated environment. Functional experts will evaluate specialty training and 3E9X1 or 32E3D Readiness Technicians/Officers will evaluate Counter Chemical Warfare (C-CW) Operations during Base Phase II exercises.

9.11.1. RST members must participate in at least one wing level exercise/response or formal classroom refresher training from the Readiness flight at least semi-annually. This will satisfy refresher requirements identified in table 9.3. RST members must also be HAZWOPER Awareness Level qualified. CE Readiness will provide RST members all applicable updates and document training in a database.

9.11.3. EET members must participate in at least one wing level exercise annually, NTE 15 months. This will satisfy refresher requirements identified in table 9.3. EET personnel who have not participated in an exercise must attend formal classroom refresher training. CE Readiness will provide EET members all applicable updates and document training in a database.

9.11.4. CCT members must participate in at least one wing level exercise annually, NTE 15 months. This will satisfy refresher requirements identified in table 9.3. CCT personnel who have not participated in an exercise must attend formal classroom refresher training. CE Readiness will provide CCT members all applicable updates and document training in a database.

10.3.7. Notify HQ AFMC/CEOX/PA via message or fax when conducting off-base local exercises. Include a short synopsis of the scenario and POC in the message or fax.

10.4. Mobility employment exercises must include a chemical threat and attack. Personnel will don protective equipment and operate in a simulated NBC environment and perform C-CW procedures and operations. Scenarios will be tailored to the threat, based on deployment taskings.

11.4.1. In addition to providing inputs to OPREP 3 reports (RCS: MTC-DO(AR) 8601), Readiness flight chiefs will telephonically notify HQ AFMC/CEO, DSN 787-2233, when responding to a major accident or natural disaster. During normal duty hours, between 0700 and 1700 EST, HQ AFMC/CEO will be notified as soon as the response team is dispatched. Notification of responses after normal duty hours will be accomplished telephonically by facsimile (fax), DSN 986-2949, commercial (937) 656-2949. The after duty hour's notification will be followed up with a telephone call within the first duty hour of your next duty day to ensure the fax was received and provide updated information.

12.3.1.1.3. Installation commanders will ensure all base agencies maintain records of resources employed during disaster relief operations, to prepare reimbursement requests. This record will be maintained with the Events Log, for future reference.

A2.2.21. (Added) Ensures primary duty 3E9X1 personnel and Readiness Support Team (RST) members are not subject to additional duties or details that could interfere with accomplishment of readiness flight duties. CE Readiness becomes a RST member's primary duty when scheduled for training, exercises or when actual emergencies occur. This policy applies during both peacetime and wartime contingencies.

A2.3.34. (Added) Utilizes assigned individual mobilization augmentees (IMA) in the CE Readiness flight at the grade and skill level in which qualified. The Readiness flight chief should coordinate with the unit reserve coordinator (URC) and/or the base IMA administrator (BIMAA) for assistance in scheduling IMA's annual tour and inactive duty training days (IDT) to ensure they participate in at least one peacetime/wartime exercise annually.

A2.3.35. (Added) Allocates NBC Defense Training quotas, tracking attendance, providing attendance feedback to units.

A2.3.36. (Added) Provides new senior commanders (center, wing, vice wing, group and deputy group) an introductory briefing on the base FSTR program. The briefing will include specific FSTR responsibilities of the person being briefed. Include such information as disaster control group membership, specialized teams, and exercise and training requirements of subordinate units.

A3.1. Base FSTR Plan 10-2 will be developed using the template provided on the HQ AFCESA website <https://wwwmil.afcesa.af.mil/Directorate/CEX/CEXR/FSTRPubs/FSTRPubs.html#template> and two copies of each plan revision will be provided to HQ AFMC/CEOX.

A5.3.6. HQ AFMC/CEOX, 4225 Logistics Ave, Wright Patterson AFB OH 45433-5746.

A.5.6.1 Send Base NARCL forms to HQ AFMC/CEOX 4225 Logistics Avenue, Wright-Patterson Air Force Base OH 45433-5746. All base capabilities should be included in this report. The CE Readiness branch is responsible for consolidating all base inputs and preparing the command submittal. This report can also be sent to the appropriate HQ AFMC/CEOX Readiness Program Manager Via e-mail.

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