

**Report Date:** 24 Apr 2012

**Summary Report for Individual Task  
031-509-4001  
Plan Biological Detection Operations at the Brigade Level  
Status: Approved**

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DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

**Condition:** You are the CBRN officer/noncommissioned officer in a brigade staff conducting intelligence preparation of the battlefield (IPB). Given FM 3-11.86, intelligence that enemy forces possess the capability to employ biological weapons (BW), and biological detection assets. You are required to plan for BW detection. This task should not be trained in MOPP.

**Standard:** Plan biological detection operations at the brigade level by performing the following IAW FM 3-11.86:

- a. Assessing BW hazards,
- b. Developing risk reduction measures.

**Special Condition:** None

**Special Standards:** None

**Special Equipment:**

**MOPP:** Never

<b>Task Statements</b>
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**Cue:** None

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
None

**Remarks:** None

**Notes:**

## Performance Steps

1. Assess BW hazards.
  - a. Assess threat BW agent capabilities.
  - b. Assess threat delivery systems.
  - c. Assess threat delivery techniques.
  - d. Assess the likelihood of the use of a BW agent.
  - e. Assess the threat capability to attack and destroy biological detection assets.
2. Develop risk reduction measures.
  - a. Prepare an employment plan that optimizes the use of available point and standoff biological detection resources.
  - b. Establish centralized or decentralized warning and reporting.
  - c. Prepare a sample collection plan that integrates the use of laboratories, sample courier assets, and biological detection assets.
  - d. Establish brigade reporting requirements to support the commander's situational awareness.
  - e. Prepare a logistics plan that integrates the use of contracted logistics support (CLS) and standard military support.
  - f. Prepare a plan for medical prophylaxis and treatment.
  - g. Plan for the protection of detection resources.
  - h. Prepare a restriction of movement plan to limit the possible transmission of a contagious BW agent.

(Asterisks indicates a leader performance step.)

**Evaluation Preparation:** Setup: A good time to evaluate this task is while in a field environment. Provide the Soldier with all the items listed in the conditions statement.

Brief Soldier: Tell the Soldier to plan biological detection operations.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Assessed BW hazards.			
a. Assessed threat BW agent capabilities.			
b. Assessed threat delivery systems.			
c. Assessed threat delivery techniques.			
d. Assessed the likelihood of the use of a BW agent.			
e. Assessed the threat capability to attack and destroy biological detection assets.			
2. Developed risk reduction measures.			
a. Prepared an employment plan that optimized the use of available point and standoff biological detection resources.			
b. Established centralized or decentralized warning and reporting.			
c. Prepared a sample collection plan.			
d. Established brigade reporting requirements.			
e. Prepared a logistics plan that integrated the use of contracted logistics support (CLS) and standard military support.			
f. Prepared a plan for medical prophylaxis and treatment.			
g. Planned for the protection of detection resources.			
h. Prepared a restriction of movement plan.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	FM 3-11.86	MULTISERVICE TACTICS, TECHNIQUES, AND PROCEDURES FOR BIOLOGICAL SURVEILLANCE	Yes	Yes
	FM 5-0	THE OPERATIONS PROCESS	No	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 Environmental-Related Risk Assessment.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. In a training environment, leaders must perform a risk assessment IAW FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 Composite Risk Management Worksheet during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available, and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
031-509-4003	Provide Technical Advice on Biological Agents and Compounds	031 - CBRN (Individual)	Approved
031-627-3039	Identify Components of Chemical or Biological (CB) Dissemination Devices	031 - CBRN (Individual)	Approved

**Supported Individual Tasks :** None

**Supported Collective Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
03-3-0022	Conduct Biological Surveillance	03 - CBRN (Collective)	Approved
03-3-0031	Emplace a Biological Detection System	03 - CBRN (Collective)	Approved

**ICTL Data :**

<b>ICTL Title</b>	<b>Personnel Type</b>	<b>MOS Data</b>
AOC 74A - Chemical Officer - CPT	Officer	AOC: 74A, Rank: CPT
MOS 74D - Chemical Operations Specialist - SL4	Enlisted	MOS: 74D, Skill Level: SL4
CBRN SLC, 2011	Enlisted	MOS: 74D, Skill Level: SL4